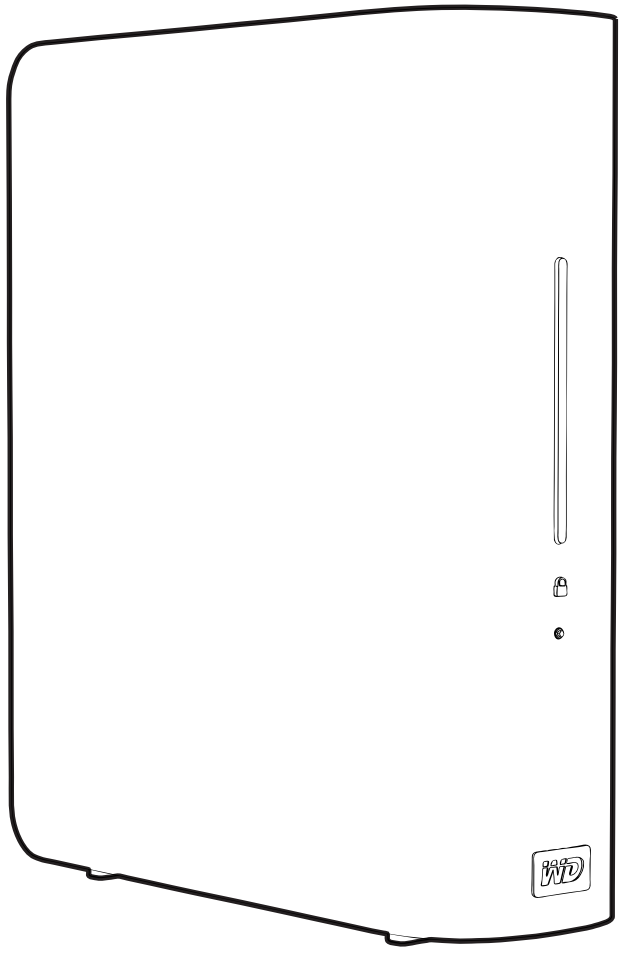
My Book®
Essential™
User Manual



Western Digital®

External Desktop

WD Service and Support

Should you encounter any problem, please give us an opportunity to address it before returning this product. Most technical support questions can be answered through our knowledge base or e-mail support service at *support.wdc.com*. If the answer is not available or if you prefer, please contact WD® at the best telephone number shown below.

Your product includes 30 days of free telephone support during the warranty period. This 30-day period starts on the date of your first telephone contact with WD Technical Support. E-mail support is free for the entire warranty period and our extensive knowledge base is available 24/7. To help us keep you informed of new features and services, remember to register your product online at *http://register.wdc.com*.

Accessing Online Support

Visit our product support website at *support.wdc.com* and choose from these topics:

- **Downloads**—Download drivers, software, and updates for your WD product.
- **Registration**—Register your WD product to get the latest updates and special offers.
- **Warranty & RMA Services**—Get warranty, product replacement (RMA), RMA status, and data recovery information.
- **Knowledge Base**—Search by keyword, phrase, or answer ID.
- **Installation**—Get online installation help for your WD product or software.

Contacting WD Technical Support

When contacting WD for support, have your WD product serial number, system hardware, and system software versions available.

North America		**Asia Pacific**	
English	800.ASK.4WDC	Australia	1 800 42 9861
	(800.275.4932)	China	800 820 6682/+65 62430496
Spanish	800.832.4778	Hong Kong	+800 6008 6008
		India	1 800 11 9393 (MNTL)/1 800 200 5789 (Reliance) 011 26384700 (Pilot Line)
Europe (toll free)*	00800 ASK4 WDEU	Indonesia	+803 852 9439
	(00800 27549338)	Japan	00 531 650442
		Korea	02 703 6550
Europe	+31 880062100	Malaysia	+800 6008 6008/1 800 88 1908/+65 62430496
Middle East	+31 880062100	Philippines	1 800 1441 0159
Africa	+31 880062100	Singapore	+800 6008 6008/+800 608 6008/+65 62430496
		Taiwan	+800 6008 6008/+65 62430496

* Toll free number is available in the following countries: Austria, Belgium, Denmark, France, Germany, Ireland, Italy, Netherlands, Norway, Spain, Sweden, Switzerland, United Kingdom.

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1

About Your WD Drive

Welcome to your My Book® Essential external hard drive, an elegant, high-capacity storage solution for all the chapters of your digital life. Our latest edition features visual, easy-to-use, automatic, continuous backup software and drive lock security protection.

WD's best-selling My Book Essential USB external hard drive features WD SmartWare software that backs up your data automatically and continuously, shows your backup as it happens, and brings back lost files effortlessly.

This chapter includes the following topics:

Features
Kit Contents
Optional Accessories
Operating System Compatibility
Disk Drive Format
Physical Description
Registering Your Drive
Handling Precautions

Features

Major features of the My Book Essential drive include:

Smaller, sleeker, more streamlined design—We've made these award-winning drives even smaller, sleeker, and more elegant. As always, the book-like shape takes up less space on your desk and allows two or more My Book drives to nestle neatly together like volumes on a shelf.

WD SmartWare™ software—An easy-to-use backup solution that gives you the power to:

- Protect your data automatically—Relax! Your data is secure. Automatic, continuous backup will instantly make a second copy whenever you add or change a file.
- See your backup as it happens—Seeing is believing. Visual backup organizes and displays your content into categories and shows the progress of your backup.
- Bring back lost files effortlessly—Retrieve your valuable data to its original location whether you've lost all your data, deleted a file, or just overwritten an important file.
- Take control—Customize your backup, set drive security, run diagnostics, manage the power settings, and more from the WD SmartWare control center.
- Drive lock—Gain peace of mind knowing that your data is protected from unauthorized access or theft with password protection and 256-bit hardware-based encryption.

Illuminated capacity gauge—See at a glance how much space is available on your drive.

USB 2.0 interface—A simple connection that offers convenience and compatibility among multiple computers.

Power miser—My Book external drives are designed to save energy. WD GreenPower Technology™ lowers internal drive power consumption by up to 30%, a sleep mode reduces power during idle times, and a power-saving feature turns the drive on and off with your computer.

Planet friendly—We designed a small box from recycled materials to minimize waste. We encourage you to recycle it.

Ready to plug-and-play with Windows Computers—NTFS-formatted for compatibility with all Windows operating systems.

Support for multiple devices—One installation of the software supports up to three WD drives (My Book or My Passport drives with WD SmartWare software).

Important: For the latest WD product information and news, visit our website at *www.westerndigital.com.* For the latest software, firmware, and product documentation and information, go to *http://products.wdc.com/updates*.

Kit Contents

As shown in Figure 1, your My Book Essential disk drive kit includes the following:

- My Book Essential external hard drive
- WD SmartWare software (included on the drive)
- USB cable
- AC adapter
- Quick Install Guide

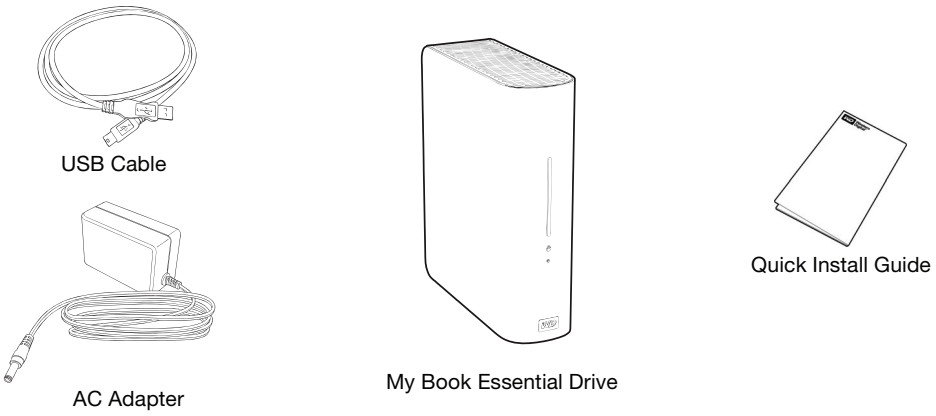


Figure 1. My Book Drive Kit Components

Optional Accessories

For information about optional accessories for this product, visit:

US	*www.shopwd.com* or *www.wdstore.com*
Canada	*www.shopwd.ca* or *www.wdstore.ca*
Europe	*www.shopwd.eu* or *www.wdstore.eu*
All others	Contact WD Technical Support in your region. For a list of Technical Support contacts, visit *support.wdc.com* and see Knowledge Base Answer ID 1048.

Operating System Compatibility

Your My Book Essential drive and the WD SmartWare software are compatible with the following operating systems:

Windows®

- Windows XP
- Windows Vista®
- Windows 7

Mac® OS X®

- Tiger®
- Leopard®
- Snow Leopard™

Compatibility can vary, depending on hardware configuration and operating system.

For highest performance and reliability, always install the latest updates and service pack (SP). For Windows computers, go to the **Start** menu and select **Windows Update**. For Mac computers, go to the **Apple** menu and select **Software Update**.

Disk Drive Format

Your My Book Essential drive is preformatted as a single NTFS partition for compatibility with all updated Windows operating systems. If you want to use this drive with a Mac computer, see “Reformatting the Drive” on page 46 and “Troubleshooting” on page 61.

Physical Description

As shown in Figure 2 and Figure 3 on page 4, the My Book Essential drive has:

- Indicators on the front
- The power connector and button, interface port, and a security slot on the back

Indicators

The My Book Essential drive has three indicators:

- Illuminated capacity gauge
- Power/activity LED
- Lock indicator LED

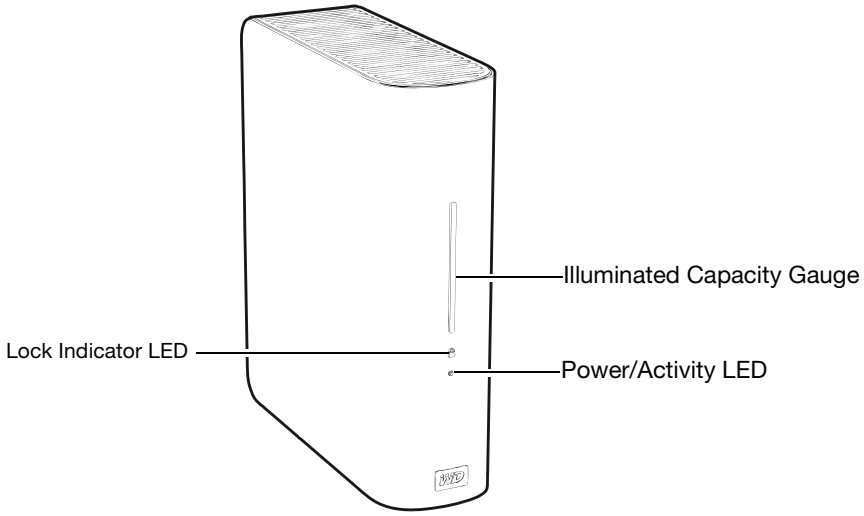


Figure 2. Front of the My Book Essential Drive

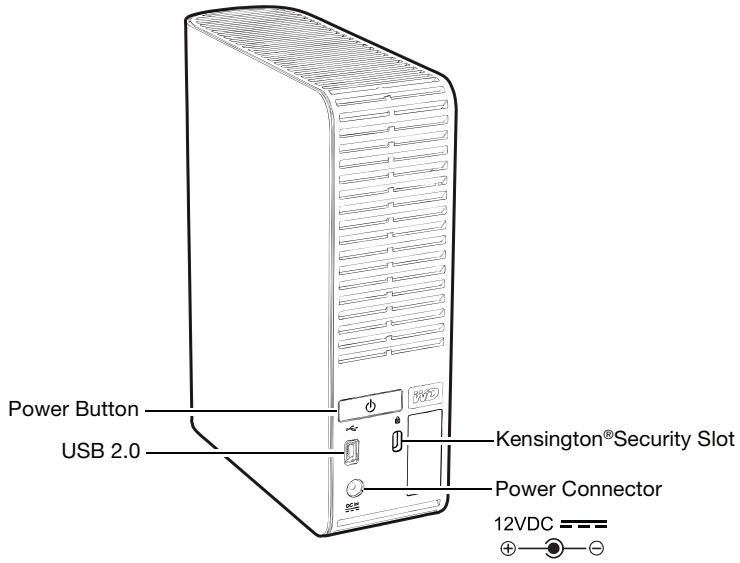


Figure 3. Back of the My Book Essential Drive

Illuminated Capacity Gauge. The capacity gauge has four segments that illuminate from bottom to top to indicate space used on the drive during the power-on state. Each segment represents approximately 25 percent of drive capacity:

Segment	Percent Used
4	75 to 100
3	50 to 74.99
2	25 to 49.99
1	0 to 24.99

Note: The illuminated capacity gauge only works when the WD SmartWare software is installed on your computer.

Power/Activity LED. The power/activity LED shows the drive's power state and activity as follows:

LED Appearance	Power State/Activity
On steady	Idle
Fast flashing, approximately 3 times per second	Active
Slow flashing, approximately every 2.5 seconds	System standby

Lock Indicator LED. The lock Indicator LED shows whether the drive is password protected or not. It is off only when you remove the password from the drive or the drive loses power.

Power Button

Use the power button is to safely power down the drive and avoid data loss or damage to the drive. The power button only works when the WD SmartWare software is installed on your computer.

Note: If you disconnect the drive after using the power button to turn it off, when you reconnect it to your running computer, the drive automatically powers on. If you leave the drive connected to your computer after using the power button to turn it off, you must press the power button again to turn it back on.

USB 2.0 Interface

Hi-Speed USB 2.0 supports data transfer rates up to 480 Mb/s. USB 2.0 is backward-compatible with USB 1.1. Connection to a USB 1.1 port transfers data at USB 1.1 speed (up to 12 Mb/s).

Kensington® Security Slot

For drive security, the Kensington security slot accepts a standard Kensington security cable (sold separately). For more information about the Kensington security slot and available products, visit *www.kensington.com*.

Registering Your Drive

Always register your My Book Essential drive to get the latest updates and special offers. You can easily register your drive using the WD SmartWare software, as described in “Registering Your Drive” on page 39. Another way is to register online at *register.wdc.com*.

Handling Precautions

WD products are precision instruments and must be handled with care during unpacking and installation. Drives may be damaged by rough handling, shock, or vibration. Always observe the following precautions when unpacking and installing your external storage product:

- Do not drop or jolt the drive.
- Do not move the drive during activity.
- Do not use this product as a portable drive.
- To allow proper ventilation, do not block any of the drive enclosure’s air slots.

2

Connecting the Drive and Getting Started

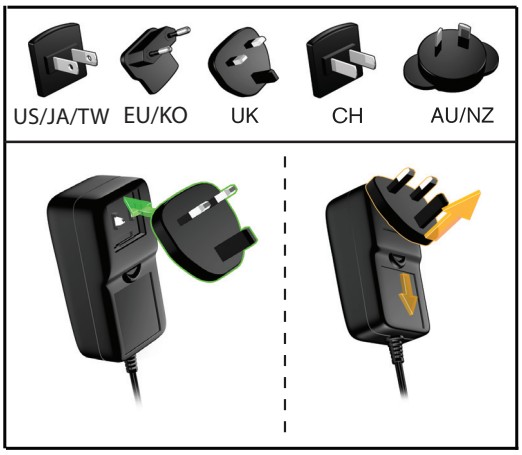
This chapter provides step-by-step instructions for connecting and installing the drive on your computer. It includes the following topics:

Connecting the Drive
Getting Started with the WD SmartWare Software
WD SmartWare Overview
WD SmartWare Home Screen
Viewing the Info/Online Help Topics
Getting Started Without the WD SmartWare Software

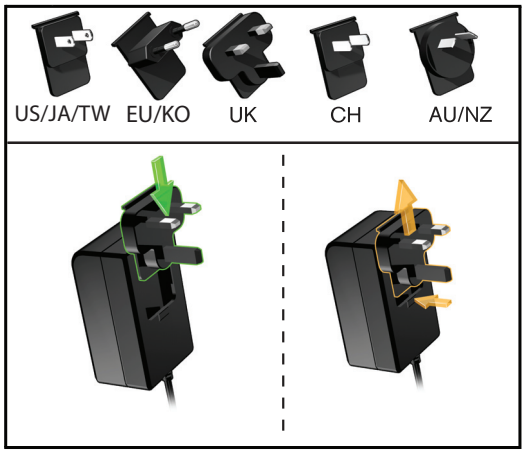
Connecting the Drive

To connect the My Book drive to your Windows computer:

1. Depending on your region, if required, change the power adapter as follows:



Installing Removing



Installing Removing

2. Turn on your computer.
3. Connect the My Book drive as shown in Figure 4 on page 7.
4. If you have reformatted the drive for use on a Mac computer, skip the rest of this procedure and see “Connecting the Drive and Getting Started” on page 46 instead.
5. After you physically connect the drive to your computer, verify that the new WD SmartWare virtual CD and My Book drive appear under My Computer in Windows Explorer.

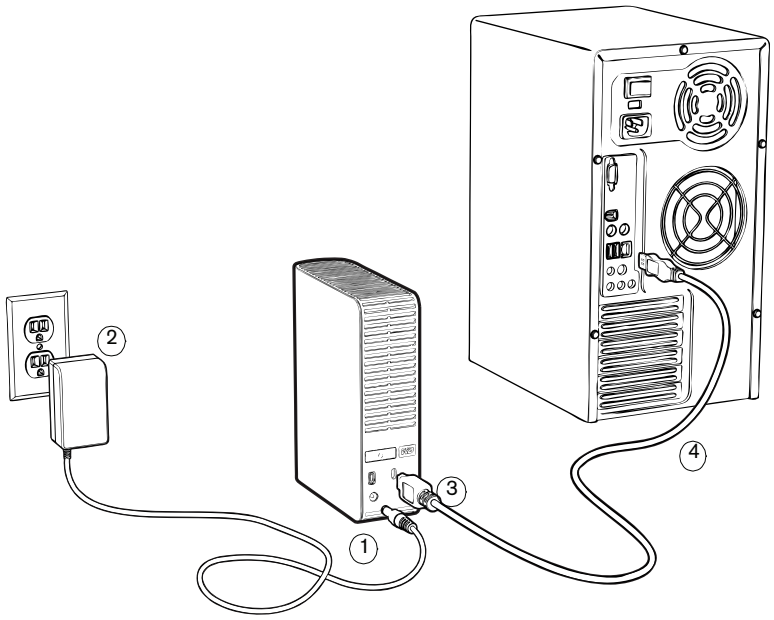
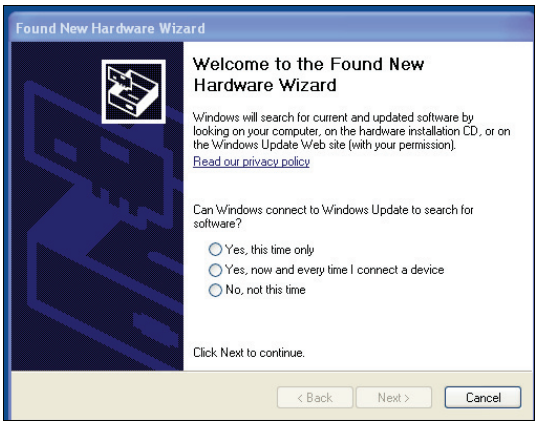


Figure 4. Connecting the My Book Drive

6. If a Found New Hardware screen appears, click **Cancel** to close it:


Found New Hardware Wizard
Welcome to the Found New Hardware Wizard
Windows will search for current and updated software by looking on your computer, on the hardware installation CD, or on the Windows Update Web site (with your permission).
Read our privacy policy
Can Windows connect to Windows Update to search for software?
Yes, this time only
Yes, now and every time I connect a device
No, not this time
Click Next to continue.
< Back
Next >
Cancel

Windows XP

Found New Hardware
Windows needs to install driver software for your WD SES Device USB Device
Locate and install driver software (recommended)
Windows will guide you through the process of installing driver software for your device.
Ask me again later
Windows will ask again the next time you plug in your device or log on.
Don't show this message again for this device
Your device will not function until you install driver software.
Cancel

Windows Vista or Windows 7

The WD SmartWare software will install the proper driver for your My Book drive.

7. Several different screens might also appear, depending on your computer's operating system:

IF your operating system is . . .	**THEN . . .**
Windows XP	Proceed to step 8.
Windows Vista or Windows 7	Skip to step 10 on page 8.

8. For Windows XP, one or two screens might appear, depending on whether the AutoRun (AutoPlay) function is enabled or disabled:

IF AutoRun (AutoPlay) is . . . on your computer,	**THEN . . .**
Enabled	Proceed to step a on page 8.
Disabled	Skip to step b on page 8.

a. On Windows XP with AutoRun (AutoPlay) enabled, the Welcome to WD SmartWare screen displays (see Figure 5).

b. On Windows XP with AutoRun (AutoPlay) disabled, right-click to open the WD SmartWare virtual CD drive listing in Windows Explorer:

Note: The WD SmartWare software is provided in the form of a "virtual" CD (VCD) drive on your My Book drive. The VCD displays and behaves just like a physical CD. To see the contents of the VCD, such as the documentation and some extra programs, right-click the VCD and select **Open**.

c. Double-click the WD SmartWare.exe file to display the Welcome to WD SmartWare screen (see Figure 5).

9. Continue to "Getting Started with the WD SmartWare Software" on page 9.

If you do not want to install the WD SmartWare software, go to "Getting Started Without the WD SmartWare Software" on page 14 instead.

10. For Windows Vista or Windows 7, two or three screens might appear, depending on whether the AutoRun (AutoPlay) function is enabled or disabled:

IF AutoRun (AutoPlay) is . . . on your computer,	**THEN . . .**
Enabled	Proceed to step a on page 9.
Disabled	Skip to step b on page 9.

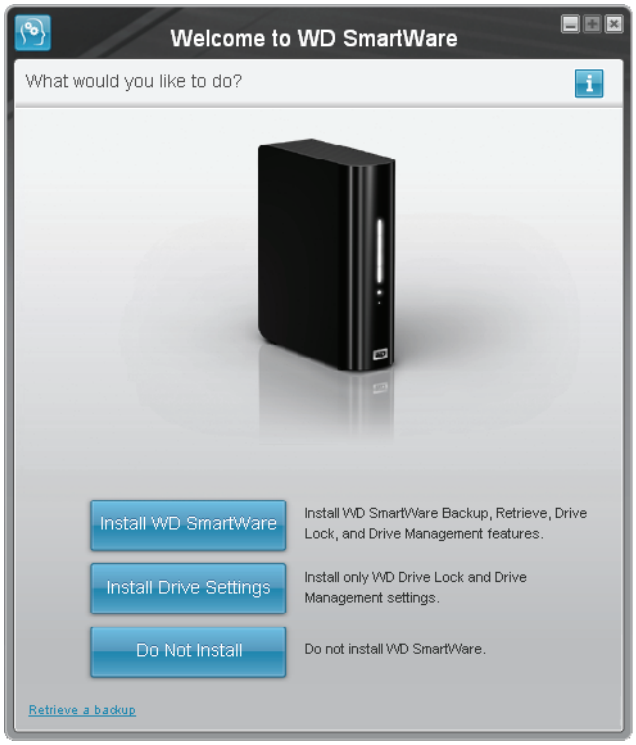

Welcome to WD SmartWare
What would you like to do?
Install WD SmartWare
Install WD SmartWare Backup, Retrieve, Drive Lock, and Drive Management features.
Install Drive Settings
Install only WD Drive Lock and Drive Management settings.
Do Not Install
Do not install WD SmartWare.
Retrieve a backup

Figure 5. Welcome to WD SmartWare Screen

Note: If a Flash Player is installed on your computer, the screen is animated.

a. For Windows Vista or Windows 7 with AutoRun (AutoPlay) enabled:

Click the **Run WDSmartWare.exe** option to display the Welcome to WD SmartWare screen (see Figure 5 on page 8).

b. For Windows Vista or Windows 7 with AutoRun (AutoPlay) disabled, open **Computer**, click to open the WD SmartWare VCD drive listing in Windows Explorer and double-click the WD SmartWare.exe file to display the Welcome to WD SmartWare screen (see Figure 5 on page 8).

11. Continue to "Getting Started with the WD SmartWare Software" in the next section.

If you do not want to install the WD SmartWare software, go to "Getting Started Without the WD SmartWare Software" on page 14 instead.

Getting Started with the WD SmartWare Software

To get started with the WD SmartWare software:

1. The **What would you like to do?** prompt on the Welcome to WD SmartWare screen provides three options for getting started with the WD SmartWare software:

IF you want to install . . .	THEN click the . . .
The full version of the WD SmartWare software, with continuous automatic backup, retrieve, drive lock password protection, and drive management features and: • Run your first backup • Password protect or register your drive	**Install WD SmartWare** button.
Only the WD SmartWare software drive lock password protection and drive management features, and password protect or register your drive,	**Install Drive Settings** button.
The full version of the WD SmartWare software and retrieve files that you have already backed up to your My Book drive on another computer,	**Retrieve a backup** link.

2. Read the license agreement and click **Accept** to continue.

3. Wait for the software installation to complete. This could take several minutes.

4. After the software installation completes:

IF you clicked . . . at step 1,	THEN the WD SmartWare software displays . . .
Install WD SmartWare	The initial Backup screen for performing your first backup (see Figure 6 on page 11). Here you can either: • Run your first backup—See "Backing Up Your Computer Files" on page 18 before clicking **Run Backup** and then proceed to step 5. • Skip the backup for now and display the initial Drive Settings screen (Figure 7 on page 11)—See "Password Protecting Your Drive" on page 29 and "Registering Your Drive" on page 39 before clicking **Skip Backup** and then skip to step 6. *Note:* In this case, the initial Drive Settings screen includes a **Return to Backup** button for returning to the initial Backup screen.
Install Drive Settings	The initial Drive Settings screen for securing and registering your drive (Figure 7 on page 11). a. See: • "Password Protecting Your Drive" on page 29 • "Registering Your Drive" on page 39 b. Skip to step 6.
Retrieve a backup	The Home screen for accessing all WD SmartWare functions: a. See Figure 8 on page 12 and "Retrieving Backed Up Files" on page 25. b. This completes the getting started procedure after selecting **Retrieve a backup**.

Note: The initial Backup and Drive Settings screens only appear one time—the first time you install the WD SmartWare software on your computer. After that, launching the software displays the Home screen so you can choose what you want to do.

5. After completing your initial backup, click **Continue** on the initial Backup screen to display the WD SmartWare Home screen (Figure 8 on page 12).

   This completes the getting started procedure after selecting **Install WD SmartWare**.

6. After password protecting or registering your drive, click **Finish** to close the initial Drive Settings screen.

   This completes the getting started procedure after selecting **Install Drive Settings**.

   In this case, however:

   • Opening the WD SmartWare software displays the drive management Home screen (see Figure 9 on page 12) with the Settings tab for performing all drive management functions (see "Customizing Your Drive Settings" on page 37).

   • Clicking the **Settings** tab displays the drive management Drive Settings screen with a **Preferences** button that you can use to enable the WD SmartWare Backup and Retrieve functions (see Figure 17 on page 30 and "Enabling the Backup and Retrieve Functions" on page 43).

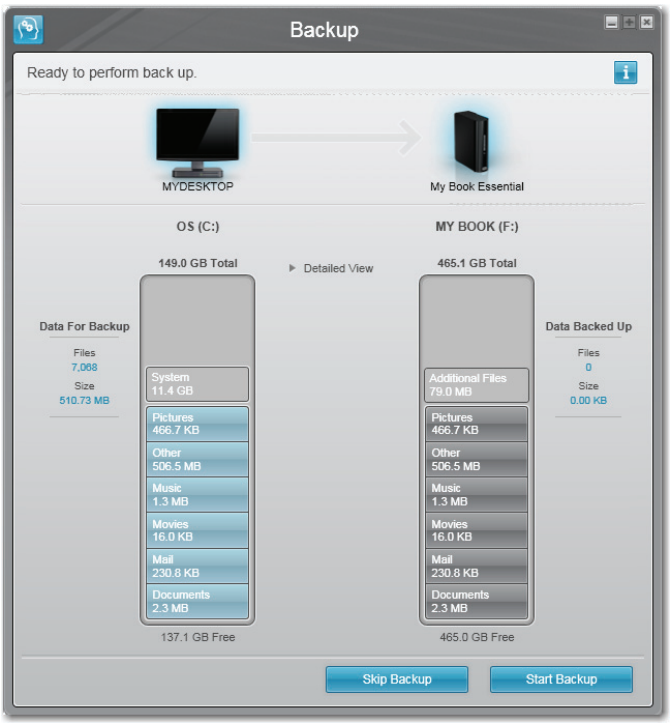
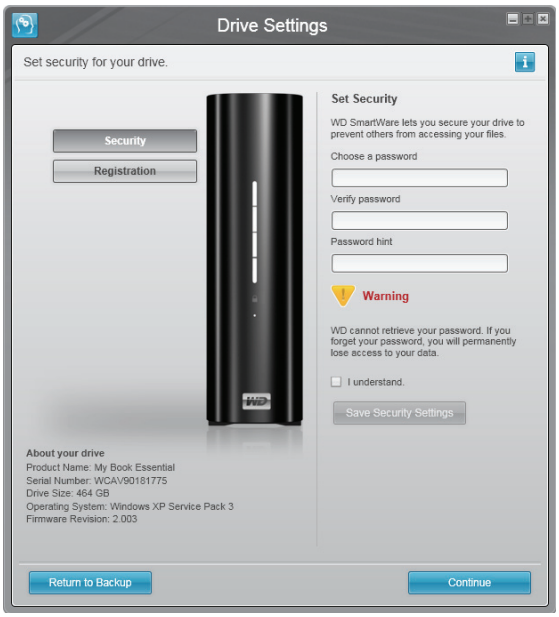


Figure 6. Initial Backup Screen


Drive Settings
Set security for your drive.
Security
Registration
Set Security
WD SmartWare lets you secure your drive to prevent others from accessing your files.
Choose a password
Verify password
Password hint
Warning
WD cannot retrieve your password. If you forget your password, you will permanently lose access to your data.
I understand.
Save Security Settings
About your drive
Product Name: My Book Essential
Serial Number: WCAV90181775
Drive Size: 464 GB
Operating System: Windows XP Service Pack 3
Firmware Revision: 2.003
Return to Backup
Continue

WD SmartWare Initial Drive Settings Screen

Drive Settings
Set security for your drive.
Security
Registration
Set Security
WD SmartWare lets you secure your drive to prevent others from accessing your files.
Choose a password
Verify password
Password hint
Warning
WD cannot retrieve your password. If you forget your password, you will permanently lose access to your data.
I understand.
Save Security Settings
About your drive
Product Name: My Book Essential
Serial Number: WCAV90181775
Drive Size: 465 GB
Operating System: Windows XP Service Pack 3
Firmware Revision: 2.003
Finish

Drive Management Initial Drive Settings Screen

Figure 7. Initial Drive Settings Screens

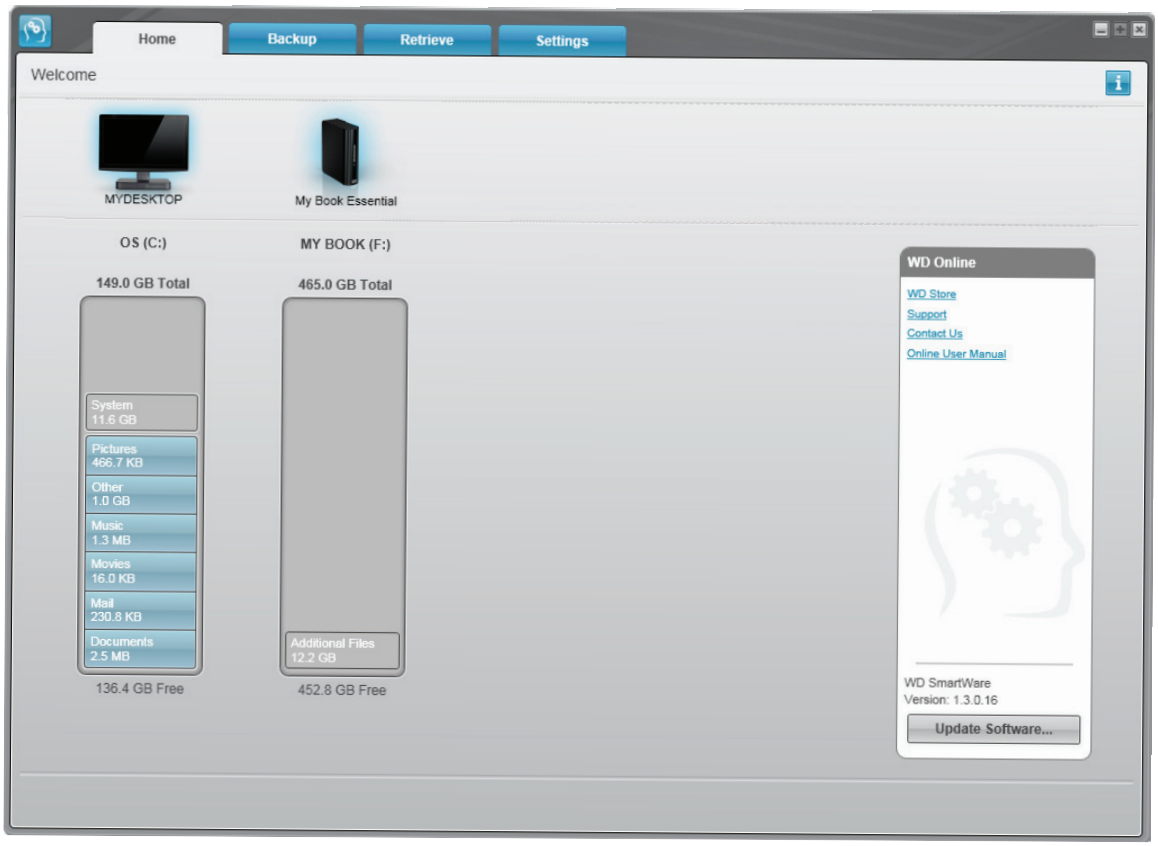


Figure 8. WD SmartWare Home Screen

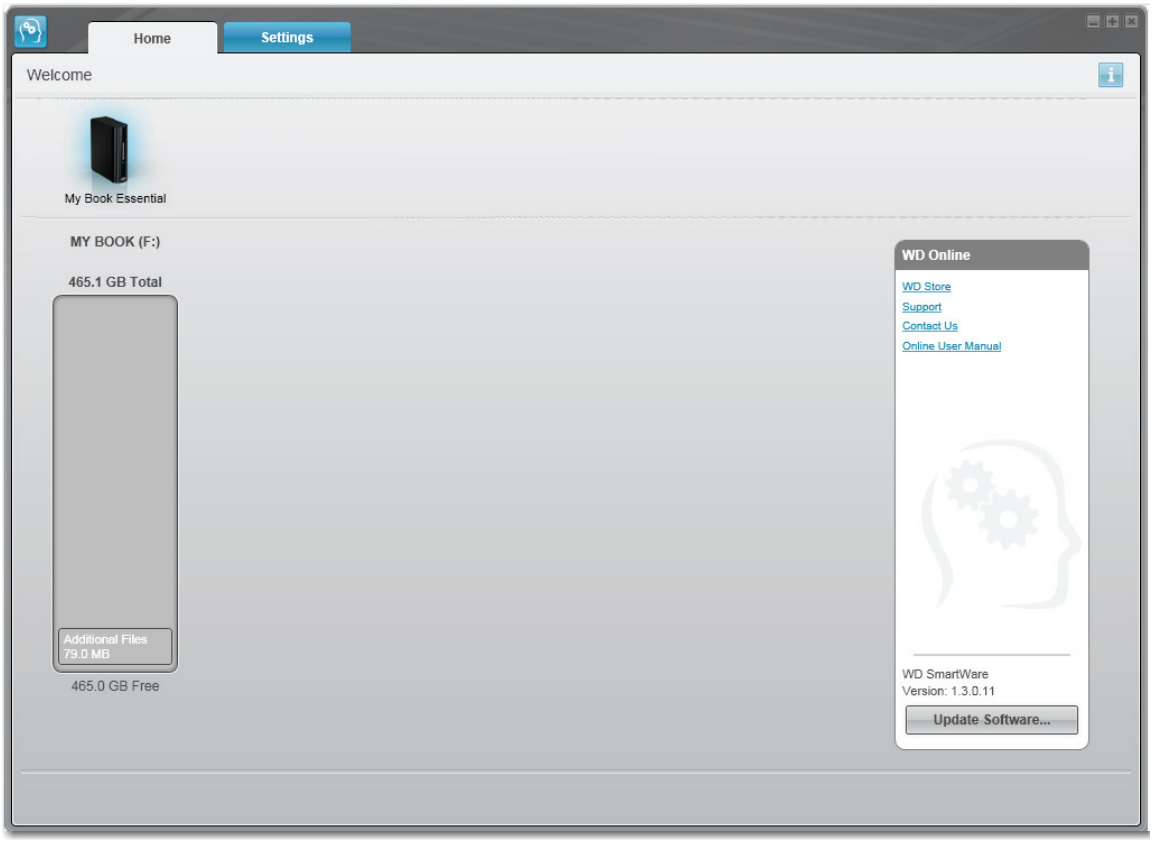


Figure 9. Drive Management Home Screen

WD SmartWare Overview

WD SmartWare software is an easy-to-use tool that gives you the power to:

- Secure your drive—In drive settings, create a password to protect your encrypted drive from unauthorized access or data theft.
- Protect your data automatically—Automatic, continuous backup instantly makes a copy whenever you add or change a file.

  Note: Automatic backup protection is continuous for as long as your My Book drive is connected to your computer. Then, whenever you disconnect and reconnect the drive to your computer, the WD SmartWare software rescans your computer for new or changed files and resumes automatic, continuous backup as before.

- See your backup as it happens—Seeing is believing. Visual backup organizes and displays your content into categories and shows the progress of your backup.
- Retrieve lost files effortlessly—Bring back your valuable data to its original location whether you've lost all your data or just overwritten an important file.

WD SmartWare Home Screen

The WD SmartWare Home screen provides four tab-selected options:

- Home—Provides a Content Gauge with the capacity of each hard drive in or connected to your computer (see Figure 8)
- Backup—Manages existing backups or creates new backups of your important data, including movies, music, documents, e-mail, and photos (see Figure 10 on page 19)
- Retrieve—Brings back valuable data that has been lost or overwritten (see Figure 13 on page 26)
- Settings—Manages security, diagnostics, power settings, and backup parameters (see Figure 11 on page 22)

On the Home screen, you can modify the primary drive being categorized with the drop-down selection box under the name of your computer. By selecting a different drive, the system will identify the categories of files on that drive. Then click the:

- **Backup** tab to back up files from the selected drive to your My Book drive
- **Retrieve** tab to retrieve backed up files from your My Book drive to any location on your computer

In the Content Gauge for your computer's hard drive, all of your files that are available for backup are shown against a blue background in six categories where:

This file category	Includes files with these extensions
Documents	.doc, .txt, .htm, .html, .ppt, .xls, .xml, and other document extensions
Mail	.mail, .msg, .pst., and other mail extensions
Music	.mp3, .wav, .wma, and other music extensions
Movies	.avi, .mov, .mp4, and other movie extensions
Pictures	.gif, .jpg, .png, and other picture extensions
Other	Others that do not belong in the five main categories

For a complete list of all included file extensions, search for Answer ID 3644 in the WD Knowledge Base at *http://support.wdc.com*.

Note that:

- The **System** category, shown against a dark gray background, includes all of your operating system files that are not available for backup. Files that are not backed up include system files, program files, applications, and working files like .tmp and .log files.
- The **Retrieved** category, also shown against a dark gray background, includes the files that you have retrieved from a prior backup. They, too, are not available for backup.
- Hovering the pointer over a category displays the number of files in the category.

In the Content Gauge for your My Book drive, the **Additional Files** category includes all of the files shown in the used space portion of your drive properties. This space is not available for backups.

Note: The small number of files that are shown in the **Additional Files** category when you first install the WD SmartWare software—before performing your first backup—represent the system and hidden files that your computer's operating system put there when you installed the drive.

Viewing the Info/Online Help Topics

Each WD SmartWare screen provides easy access to online help information to quickly guide you through your backup, retrieve, and settings tasks. Whenever you are uncertain about what to do, just click the info/online help icon in the upper-right corner of any screen:

To close the info/help screen after reading the online help, click the X icon in the upper-right corner of the screen.

Getting Started Without the WD SmartWare Software

If you do not install the WD SmartWare software, you can still use your My Book as an external hard drive. In this case, however, you will not be able to:

- Protect your data with automatic continuous backups (see "Backing Up Your Computer Files" on page 18)
- Retrieve earlier versions of lost, or damaged files (see "Retrieving Backed Up Files" on page 25)
- Secure you drive and all of the files on it with a password (see "Locking and Unlocking Your Drive" on page 29)
- Customize your software and drive settings for the best possible performance (see "Managing and Customizing Your Drive" on page 34)
- Check the operational condition of your drive with built-in diagnostic features (see "Checking Drive Health" on page 44)

To forego these performance features and get started without installing the WD SmartWare software:

1. Click **Do Not Install** on the Welcome to WD SmartWare screen to display the **Continue without installing WD SmartWare?** prompt:

WD SmartWare
Continue without installing WD SmartWare?
If you choose not to install the WD SmartWare software, you will be unable to use the software features that let you automatically back up and retrieve files, set security to protect data on your drive, and run diagnostics on your drive.
Note: The Windows SES driver will be installed to ensure proper drive functionality.
Go Back
Continue without Install

2. Click:
   - **Continue without Install** if you still do not want to install the WD SmartWare software.
   - **Go Back** if you have changed your mind and *do* want to install the WD SmartWare software. In this case, go to “Getting Started with the WD SmartWare Software” on page 9.

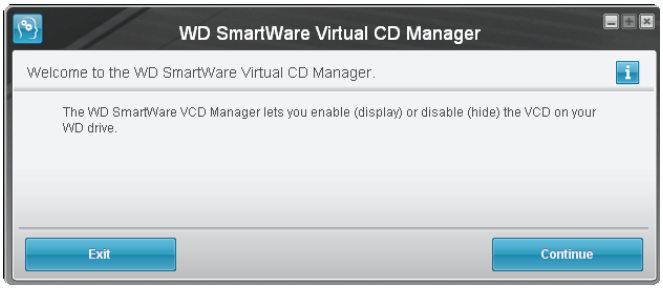
Hiding the WD SmartWare Virtual CD

If you have decided to get started without installing the WD SmartWare software, you might also want to hide (disable) the WD SmartWare virtual CD (VCD). Doing this would be a simple two-click operation from the WD SmartWare Virtual CD Settings dialog (see “Showing or Hiding the Virtual CD Icon” on page 42). But if you have not installed the WD SmartWare software, it is more involved, and you should be aware of the following precautions:

- Hiding the VCD inhibits access to the WD SmartWare Virtual CD Manager utility that enables and disables the VCD. If you move the drive to another computer, the VCD remains hidden there too. You will need to either copy the utility back to the drive or download another copy of it if you want to show the VCD or install the WD SmartWare software on the other computer.
- You cannot run the WD SmartWare Virtual CD Manager utility directly from the drive—you must run it from a folder on your desktop.

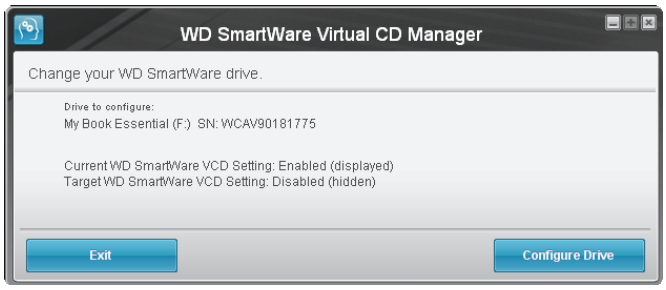
With those precautions in mind, if you have not installed the WD SmartWare software and want to hide the VCD:

1. Open the WD SmartWare VCD file listing in Windows Explorer and double-click the Virtual CD Manager.exe file to display the WD SmartWare Virtual CD Manager utility screen:


WD SmartWare Virtual CD Manager
Welcome to the WD SmartWare Virtual CD Manager.
The WD SmartWare VCD Manager lets you enable (display) or disable (hide) the VCD on your WD drive.
Exit
Continue

Note that when it opens, the WD SmartWare Virtual CD Manager utility also copies a Virtual CD Manager folder to your desktop. This is the folder you will want to copy back to your My Book drive in case you later want to show (enable) the VCD.

2. Click **Continue**.
3. Read the license agreement and click **Accept** to continue.
4. The WD SmartWare Virtual CD Manager utility locates your My Book drive and displays its current and target VCD settings:


WD SmartWare Virtual CD Manager
Change your WD SmartWare drive.
Drive to configure:
My Book Essential (F:) SN: WCAV90181775
Current WD SmartWare VCD Setting: Enabled (displayed)
Target WD SmartWare VCD Setting: Disabled (hidden)
Exit
Configure Drive

5. Click **Configure Drive** to continue.
6. Read the license agreement and click **Accept** to continue.
7. As prompted, for your change to take effect, you must power cycle your My Book drive:
   a. Disconnect the USB cable from your drive.
   b. Either disconnect the AC power adapter cable or press the power button to off.
   c. Wait ten seconds.
   d. Either reconnect the AC power adapter cable or press the power button to on.
   e. Reconnect the USB cable to your drive.
8. Click **Exit** to close the WD SmartWare Virtual CD Manager utility.
9. Check your Windows Explorer and My Computer Devices with Removable Storage listings to confirm the change.
10. If you think you might later want to move your My Book drive to another computer, show (enable) the VCD there, or install the WD SmartWare software, then use the copy/paste or drag/drop function to copy the Virtual CD Manager folder from your desktop to your My Book drive. (This is the folder that the WD SmartWare Virtual CD Manager utility copied to your desktop at step 1 of this procedure.)

Showing the WD SmartWare Virtual CD

If you got started without installing the WD SmartWare software, hid (disabled) the WD SmartWare virtual CD (VCD), and now want to move your My Book drive to another computer, or install the WD SmartWare software, you might want or need to show (enable) the VCD on the other computer. Doing this would be a simple two-click operation from the WD SmartWare Virtual CD Settings dialog (see “Showing or Hiding the Virtual CD Icon” on page 42). But if you have not installed the WD SmartWare software and have hidden the VCD, it is more involved.

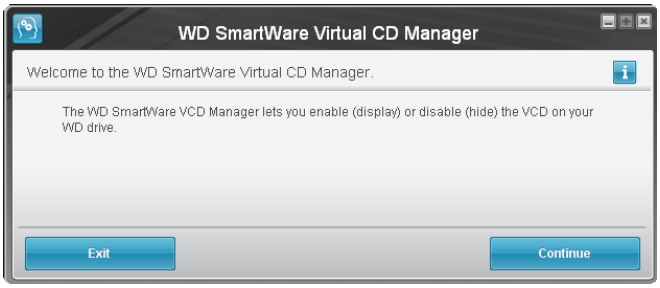
If you have not installed the WD SmartWare software and want to show the VCD:

1. Use the Windows Explorer copy/paste or drag/drop function to copy the Virtual CD Manager folder from your My Book drive to the desktop of your computer. (This is the folder that you copied to your My Book drive at step 10 of “Hiding the WD SmartWare Virtual CD” on page 15”.)

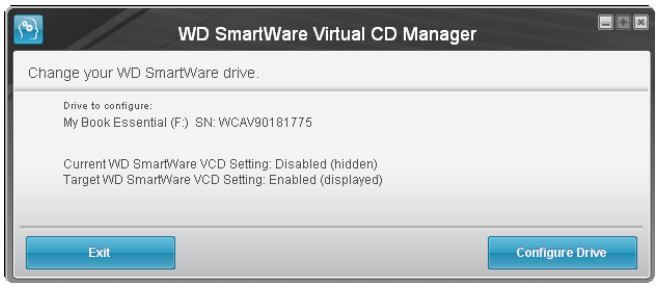
   If you did not copy the Virtual CD Manager folder to your My Book drive when you hid the VCD, then use your Internet connection to download the utility Virtual CD (VCD) Manager for Windows from *support.wdc.com*.

2. Open the Virtual CD Manager folder or the downloaded utility .zip file (WDSmartWareVirtualCDManagerforWindows-v*x.x.x.x*.zip) and double-click the appropriate .exe file to display the WD SmartWare Virtual CD Manager screen:

   - Virtual CD Manager.exe from the Virtual CD Manager folder
   - WD SmartWare Virtual CD Manager for Windows-v*x.x.x.x*.exe from the downloaded .zip file


WD SmartWare Virtual CD Manager
Welcome to the WD SmartWare Virtual CD Manager.
The WD SmartWare VCD Manager lets you enable (display) or disable (hide) the VCD on your WD drive.
Exit
Continue

3. Click **Continue**.
4. Read the license agreement and click **Accept** to continue.
5. The WD SmartWare Virtual CD Manager utility locates your My Book drive and displays its current and target VCD settings:


WD SmartWare Virtual CD Manager
Change your WD SmartWare drive.
Drive to configure:
My Book Essential (F:) SN: WCAV90181775
Current WD SmartWare VCD Setting: Disabled (hidden)
Target WD SmartWare VCD Setting: Enabled (displayed)
Exit
Configure Drive

6. Click **Configure Drive** to continue.
7. As prompted, for your change to take effect, you must power cycle your My Book drive:
   a. Disconnect the USB cable from your drive.
   b. Either disconnect the AC power adapter cable or press the power button to off.
   c. Wait ten seconds.
   d. Either reconnect the AC power adapter cable or press the power button to on.
   e. Reconnect the USB cable to your drive.
8. Click **Exit** to close the WD SmartWare Virtual CD Manager utility.
9. Check your Windows Explorer and My Computer Devices with Removable Storage listings to confirm the change.

3

Backing Up Your Computer Files

This chapter includes the following topics:

About Backing Up Your Computer Files
Backing It All Up
Advanced Backup Capabilities

About Backing Up Your Computer Files

The WD SmartWare software automatically and continuously backs up all of the content on your computer to your My Book drive—music, movies, photos, documents, e-mail, and other files.

Note: One installation of the WD SmartWare software supports up to three backup drives that are configured with WD SmartWare software.

After the WD SmartWare software categorizes the different types of content you have, clicking the **Start Backup** button will back all of them up. Or, you can select specific types of content to back up.

After performing a backup, the WD SmartWare software protects your files by backing up any:

- New file that is created on your computer or copied to your hard drive
- Existing file that is changed in any way

This protection is automatic—the WD SmartWare software does it for you without any action on your part—just make sure to leave your My Book drive connected to your computer.

Note: Automatic backup protection is continuous for as long as your My Book drive is connected to your computer. Then, whenever you disconnect and reconnect the drive to your computer, the WD SmartWare software rescans your computer for new or changed files and resumes automatic, continuous backup as before.

Additionally, the Backup screen (see Figure 10 on page 19) provides:

- Content Gauges for your computer's disk drives, so you can see the number of files and the storage size for each content category
- A **Detailed View** content box that you can use to select specific categories of files or folders to back up, with an **Apply Changes** button for implementing your selections
- **Start Backup** and **Stop Backup** buttons for starting and stopping backups

Figure 10. Backup Screen

In the Content Gauges for your computer's disk drives, the categories of files that would be included in the backup if you click **Start Backup** are shown where a:

- Light blue background in the Content Gauge for your computer's hard drive represents the original files that are available for backup.
- Gray background in the Content Gauge for your My Book drive represents the potential backup copies of the original files.
- Dark blue background identifies categories of files that have been backed up

In the Content Gauge for your My Book drive, the **Additional Files** category includes all of the files shown in the used space portion of your drive properties. This space is not available for backups.

In the Content Gauges and the **Detailed View** content box:

This file category	Includes files with these extensions
Documents	.doc, .txt, .htm, .html, .ppt, .xls, .xml, and other document extensions
Mail	.mail, .msg, .pst., and other mail extensions
Music	.mp3, .wav, .wma, and other music extensions
Movies	.avi, .mov, .mp4, and other movie extensions
Pictures	.gif, .jpg, .png, and other picture extensions
Other	Others that do not belong in the five main categories

For a complete list of all included file extensions, search for Answer ID 3644 in the WD Knowledge Base at *http://support.wdc.com*.

Note that:

- The **System** category, shown against a dark gray background, includes all of your operating system files that are not available for backup. Files that are not backed up include system files, program files, applications, and working files like .tmp and .log files.
- The **Retrieved** category, also shown against a dark gray background, includes the files that you have retrieved from a prior backup. They, too, are not available for backup.
- Hovering the pointer over a category displays the number of files in the category.

To back up other internal hard drives, click the **Home** tab and select the drive.

Backing It All Up

To back up all of your computer files:

1. Click the **Backup** tab to display the Backup screen (see Figure 10 on page 19).
2. Click **Start Backup** to back up all of your files.
3. During the backup:
   - The Backup screen displays a progress bar and a message indicating the amount of data that has been backed up.
   - The blue background in the Content Gauge for your computer's hard drive changes to yellow/amber for all of the files that have not yet been backed up.
   - The gray background in the Content Gauge for your My Book drive changes to blue for each category as the backup completes.
   - You can continue to set up your drive or perform any other functions because the WD SmartWare software will back up all of your files in the background.
   - A **Stop Backup** button is available for you to stop the backup.
4. Appearance of a backup successfully finished message means that the backup completed normally.

   If any files could not be backed up, the WD SmartWare software displays a:

   - Caution message indicating the number of files involved
   - **View** link that you can click to see a list of the files and the reasons they were not backed up

   Some applications and running processes can keep files from being backed up. If you cannot determine why some of your files were not backed up, try:

   - Saving and closing all of your open files.
   - Closing all running applications—including your e-mail program and web browser.

Important: Appearance of a Caution message indicating that your drive is full means that there is not enough free space on the drive to complete the backup.

The best long-term solution would be to relegate the drive to long-term archive storage and:

a. Click the **Home** tab to display the Home screen.
b. Click the **WDStore** link in the WD Online box to view the Western Digital Online Store website.
c. Click **External Hard Drives** and select the best drive to suit your future requirements.

5. If you clicked **Stop Backup** at step 3, the **Stop backup?** confirmation prompt reminds you that if you stop the backup before it completes, the WD SmartWare software removes all of the backup files that were just copied to your My Book drive.

   To continue, click either:

   - **Continue Backup** to disregard your pause request and resume the backup
   - **Stop Backup** to follow through with your stop request and remove the newly created backup files

Advanced Backup Capabilities

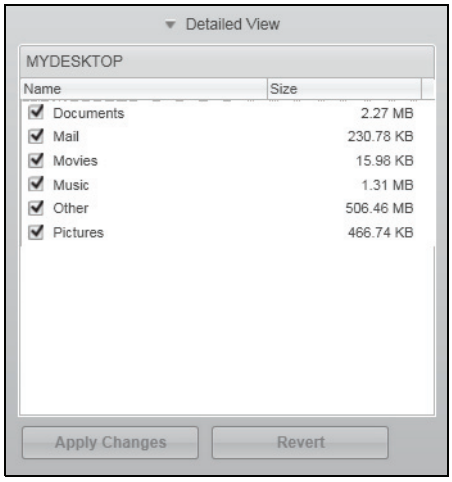
The advanced backup capabilities include:

- Selecting specific content to back up
- Changing the backup software settings:
  - Choosing the number of backup versions to keep
  - Pausing the backup until your computer is idle

Selecting Specific Content to Back Up

To back up some of your computer files:

1. On the Backup screen (see Figure 10 on page 19), select **Detailed View** to open the backup files content box:



2. In the backup files content box:
   - Select the check boxes for the categories of files that you want to include in the backup
   - Clear the check boxes for the categories of files that you want to exclude from the backup
3. Click **Apply Changes** to refresh the Content Gauge for your My Book drive.
4. Click **Start Backup** to back up the selected categories of files.

Changing the Backup Software Settings

To optimize your backup, you can:

- Specify the number of backup versions to keep for each file
- Pause backups until your computer is idle

To configure these backup options:

1. Click the **Settings** tab to display the Settings screen (see Figure 11).
2. Click **Set Up Software** to display the Software Settings screen (see Figure 12 on page 23).
3. See:
   - “Specifying the Number of Backup Versions” on page 23
   - “Pausing Backups Until Your Computer is Idle” on page 24

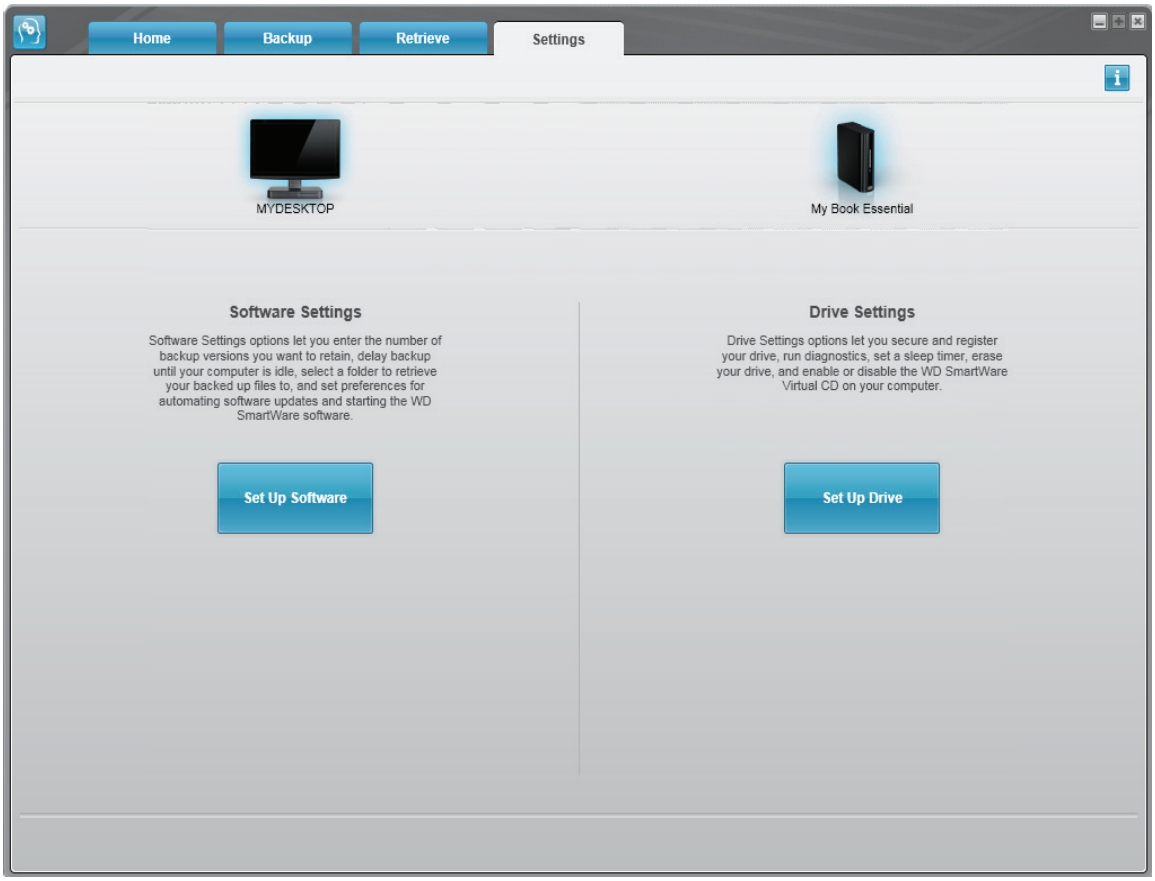

Home
Backup
Retrieve
Settings
MYDESKTOP
My Book Essential
Software Settings
Software Settings options let you enter the number of backup versions you want to retain, delay backup until your computer is idle, select a folder to retrieve your backed up files to, and set preferences for automating software updates and starting the WD SmartWare software.
Set Up Software
Drive Settings
Drive Settings options let you secure and register your drive, run diagnostics, set a sleep timer, erase your drive, and enable or disable the WD SmartWare Virtual CD on your computer.
Set Up Drive

Figure 11. Settings Screen

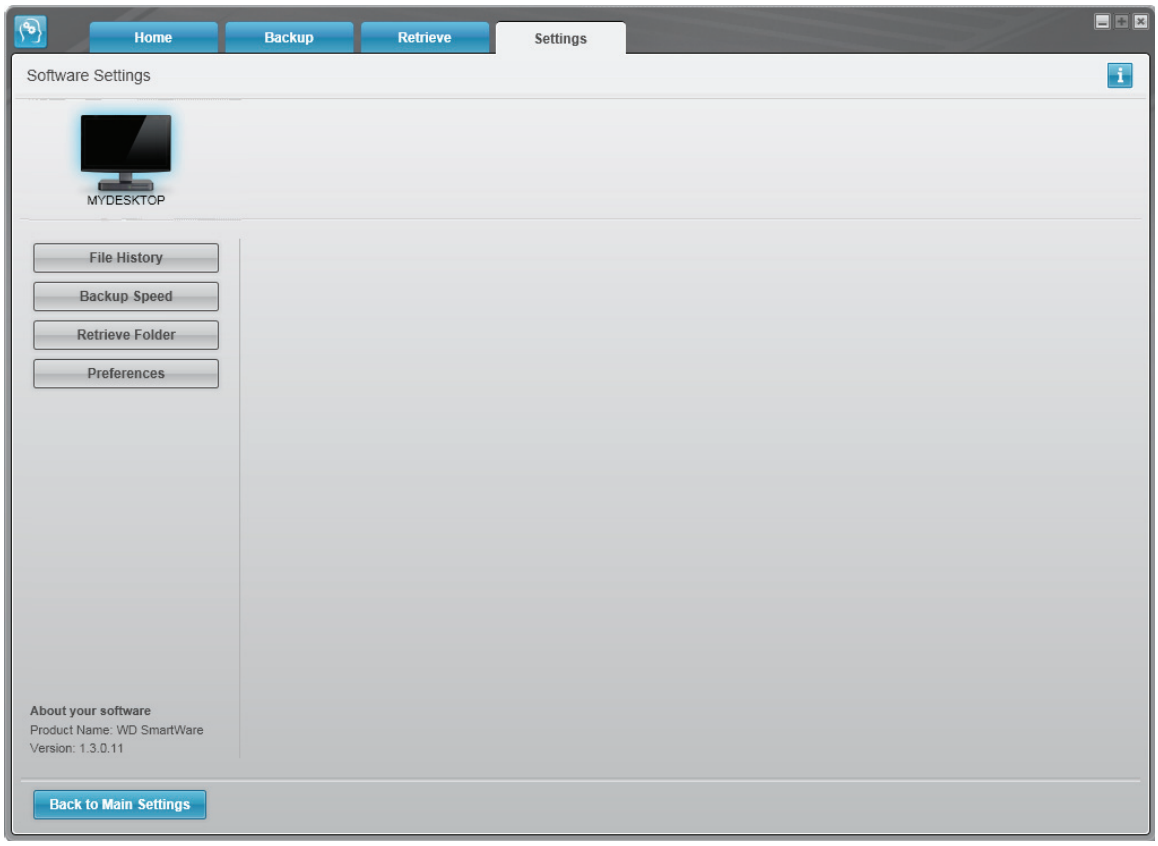


Figure 12. Software Settings Screen

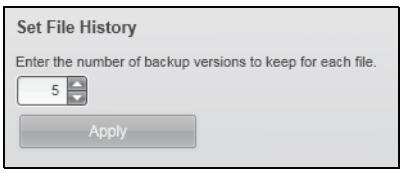
Specifying the Number of Backup Versions. The WD SmartWare software can keep up to 25 older versions of each file. If you overwrite or delete a file by mistake, or want to see the file a couple of versions ago, the WD SmartWare software has a copy for you. You always have the most-recent specified number of versions of each file available for retrieves, and you can choose to keep from 1 to 25 versions.

Keeping more versions:

- Improves your ability to retrieve files from a longer back-in-time period
- Consumes more disk space

To specify the number of backup versions that you want to keep for each file:

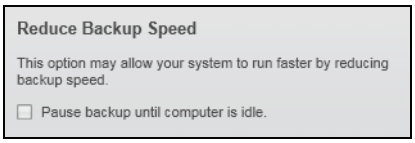
1. On the Software Settings screen (see Figure 12), click **File History** to display the Set File History dialog:



2. Specify the number of file versions that you want to keep (from 1 to 25) in the **Enter the number of backup versions to keep for each file** box.
3. Click **Apply** to save and implement the new number of backup versions.

Pausing Backups Until Your Computer is Idle. A large backup can take a lot of time, and can consume a lot of your system processing resources. The WD SmartWare software works in the background using minimal computer resources while you are working on your computer If you want to pause all backup activity until your computer is idle, you can by enabling the Backup Speed option:

1. On the Software Settings screen (see Figure 12 on page 23), click **Backup Speed** to display the Reduce Backup Speed dialog:


Reduce Backup Speed
This option may allow your system to run faster by reducing backup speed.
Pause backup until computer is idle.

2. Select or clear the **Pause backup until computer is idle** check box to enable or disable the Backup Speed option.

4

Retrieving Backed Up Files

This chapter includes the following topics:

About Retrieving Files
Retrieving a File
Retrieving a Folder
Retrieving an Earlier Version of a File or Deleted Files
Retrieving All of Your Content

About Retrieving Files

The WD SmartWare software makes it easy for you to retrieve files that have been backed up on your My Book drive and either:

- Restore them to their original locations on your computer
- Copy them to a special retrieve folder

Retrieve is generally a five-step process:

1. Choose the drive to retrieve content from on the Home screen.
2. Choose the backup you want to retrieve content from.
3. Choose whether content will be retrieved to a special retrieval folder or to the original location.
4. Choose what content to retrieve, either files, folders, or everything.
5. Retrieve the content.

Retrieving a File

After selecting the drive on the Home screen, you can retrieve files or complete folders from your My Book drive. To retrieve a file or folder from your drive:

1. Click the **Retrieve** tab to display the Retrieve screen (see Figure 13 on page 26).
2. In the **Backed Up Volumes** box, select the WD SmartWare volume that you want to retrieve a file or folder from and click **Select Destination** to display the Select a destination for retrieved files screen (see Figure 14 on page 26).
3. On the Select a destination for retrieved files screen:

IF you want to copy your retrieved content to . . .	THEN . . .
Its original location,	a. Select the **To the Original Places** option. b. Click **Select Files** to display the Select content to retrieve... screen (see Figure 15 on page 27) and proceed to step 4 on page 27.
A retrieved content folder,	a. Select the **In a Retrieved Content Folder** option. b. If you want to specify a different retrieve folder, click **Browse** and use the browse function to identify the new retrieve folder. c. Click **Apply** to save and implement the new retrieve folder. d. Click **Select Files** to display the Select content to retrieve... screen (see Figure 15) and proceed to step 4 on page 27.

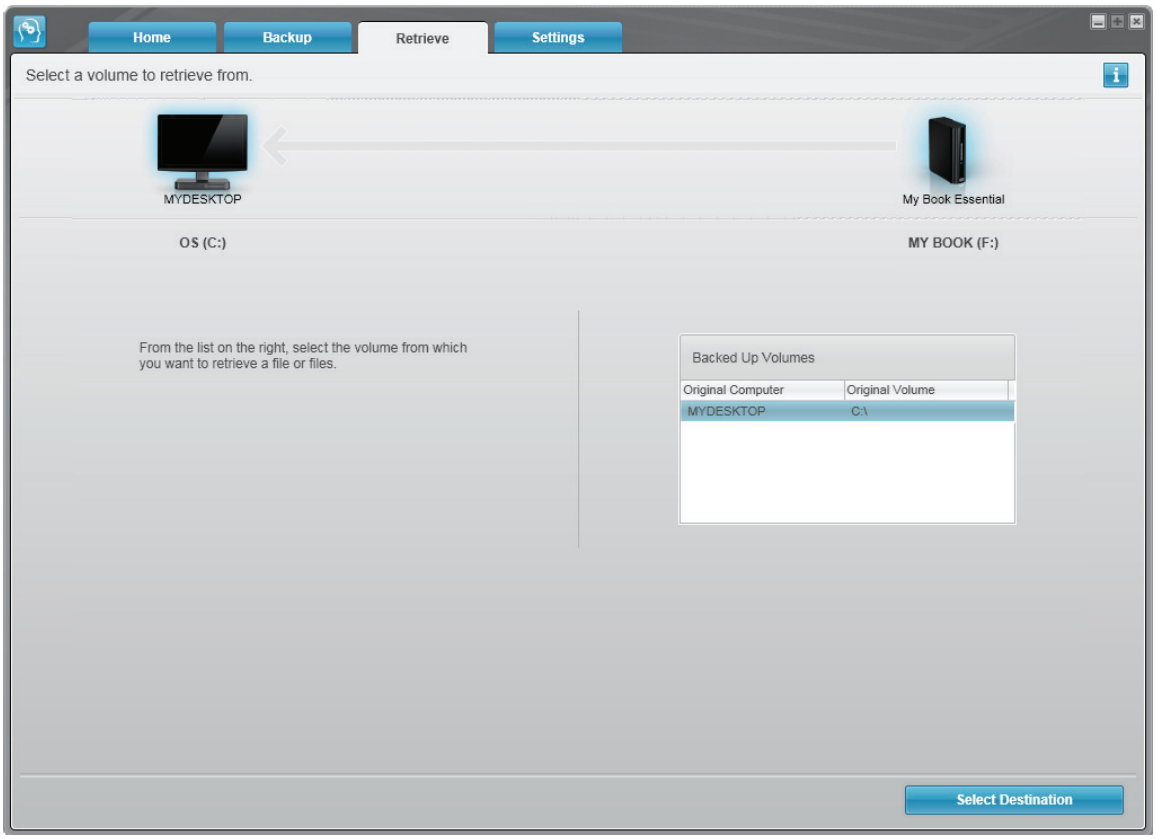


Figure 13. Retrieve Screen

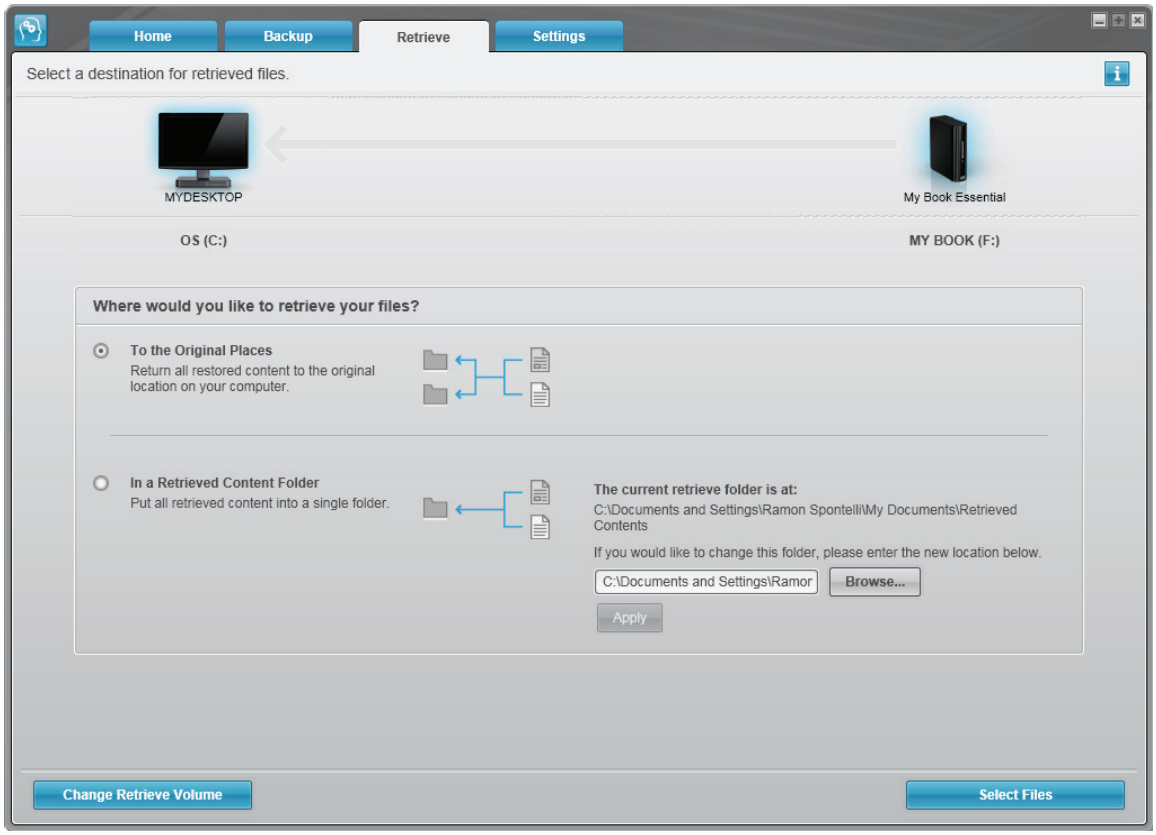

Home
Backup
Retrieve
Settings
Select a destination for retrieved files.
MYDESKTOP
My Book Essential
OS (C:)
MY BOOK (F:)
Where would you like to retrieve your files?
To the Original Places
Return all restored content to the original location on your computer.
In a Retrieved Content Folder
Put all retrieved content into a single folder.
The current retrieve folder is at:
C:\Documents and Settings\Ramon Spontelli\My Documents\Retrieved Contents
If you would like to change this folder, please enter the new location below.
C:\Documents and Settings\Ramor
Browse...
Apply
Change Retrieve Volume
Select Files

Figure 14. Select a Destination for Retrieved Files Screen

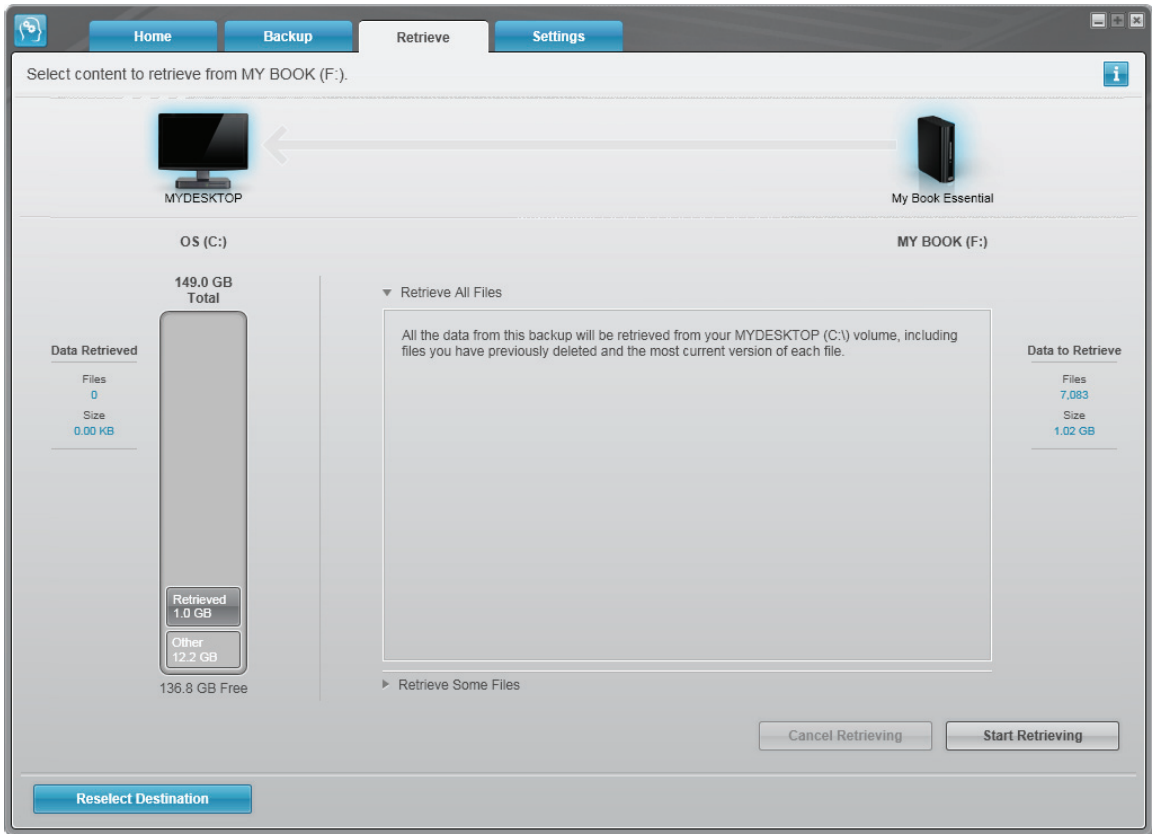


Figure 15. Select Content to Retrieve Screen

4. On the Select content to retrieve... screen, select **Retrieve Some Files** to display the retrieve files selection box (see Figure 16 on page 28).
5. Navigate through the folder structure to find the files you want. Also, you can use the search box by typing the name (or partial name) of the file or folder:
   - Click the appropriate file category button to list the files by category:
     - Pictures
     - Music
     - Movies
     - Documents
     - Other
     - Mail
   - Select the **View** icon to list individual files.
   - Type all or part of the file name in the search box to locate the file and press **Enter** to initiate the search. To eliminate the search filter, delete all of the text in the search box and press **Enter.**
   - Select the check box for the file or folder that you want to retrieve.
6. Click **Start Retrieving**.

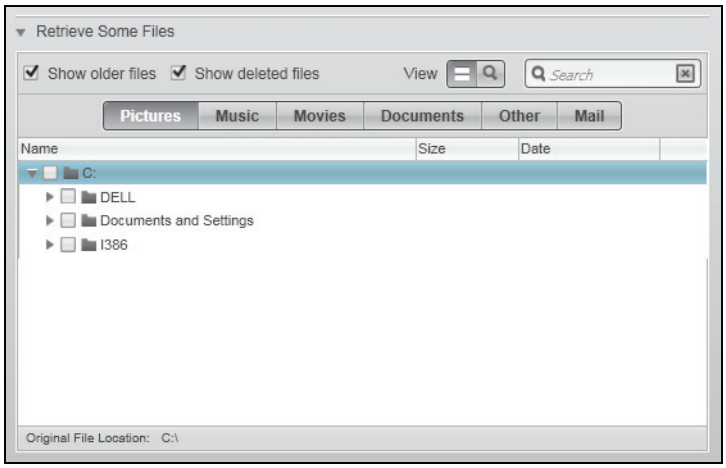


Figure 16. Retrieve Files Selection Box

7. During the retrieve:
   - The Retrieve screen displays a progress bar and a message indicating the amount of data that has been copied to the specified retrieve location.
   - A **Cancel Retrieving** button is available for you to stop the retrieve.
8. A **Retrieval accomplished** message signifies completion of the retrieve.

   A **Partial retrieve accomplished** message means the file you selected for the retrieve was not copied to the specified retrieve location. In this case, either a:
   - **Files Not Retrieved** message provides the number of files that were not retrieved and a link to a failed-to-retrieve information screen. Click the **View files** link to see the list of files and the reasons they were not retrieved.
   - **Destination is full** message means that your computer does not have sufficient disk space to complete the retrieve.

Retrieving a Folder

To retrieve a folder from your drive, and all of the content within a folder, which may be across multiple categories, in the retrieve files selection box (see Figure 16), right-click the folder and choose **Select folder in all content categories**.

Retrieving an Earlier Version of a File or Deleted Files

In the retrieve files selection box (see Figure 16), check the **Show Deleted Files** box and/or the **Show older versions of files box**. Now, when selecting content to retrieve, you can select individual files that were overwritten or deleted. Likewise, retrieving entire folders in this mode will retrieve older versions and deleted files as well.

Retrieving All of Your Content

On the Select content to retrieve... screen (see Figure 15 on page 27), choose the **Retrieve all Files** option, which retrieves files across all categories and copies them to either their original locations or the Retrieve Contents folder.

5

Locking and Unlocking Your Drive

This chapter includes the following topics:

Password Protecting Your Drive
Unlocking Your Drive
Turning Off the Drive Lock Feature
Changing Your Password

Password Protecting Your Drive

You should password protect your drive if you are worried that someone else will gain access to your drive and you do not want them to see your files on the drive.

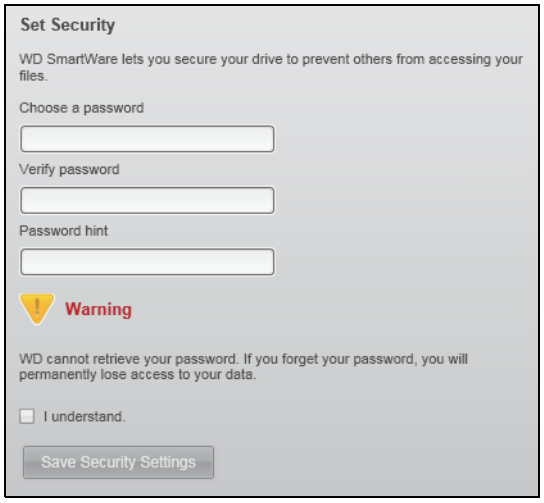
CAUTION! The WD SmartWare software uses your password to electronically lock and unlock your drive. If you forget your password, you will not be able to access the data that is on your drive or write new data to it. You will have to erase the drive before you can use it again.

You can reach the Set Security dialog for password management during the initial getting started process or from the WD SmartWare **Settings** tab, Drive Settings screen. There, you can:

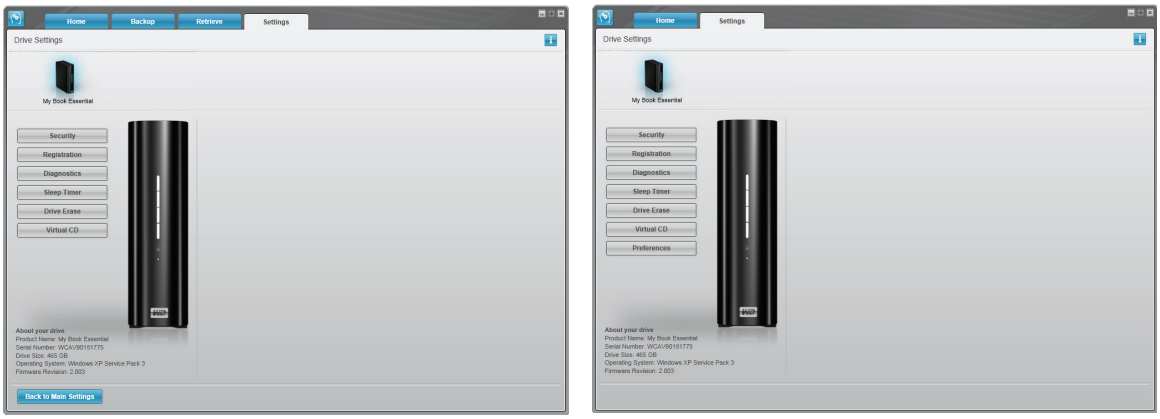
- Create a password
- Change a password
- Eliminate the need for a password

To create a password and keep others from accessing the files on your drive, as an example from the Settings tab:

1. Click the **Settings** tab to display either the WD SmartWare Settings screen or the drive management Drive Settings screen (see Figure 11 on page 22).
2. If you opened the WD SmartWare Settings screen, click **Set Up Drive** to display the WD SmartWare Drive Settings screen (see Figure 17 on page 30).
3. On either screen, click **Security** to display the Set Security dialog:


Set Security
WD SmartWare lets you secure your drive to prevent others from accessing your files.
Choose a password
Verify password
Password hint
Warning
WD cannot retrieve your password. If you forget your password, you will permanently lose access to your data.
I understand.
Save Security Settings

4. Type your password in the **Choose a password** box.
5. Retype your password in the **Verify password** box.



WD SmartWare Drive Settings Screen

Drive Management Drive Settings Screen

Figure 17. Drive Settings Screens

6. Type a hint to help remind yourself of your password in the **Password hint** box.
7. Read the warning about the possibility of data loss if you forget your password.Click the **I understand** check box to signify that you accept the risk.
8. Click **Save Security Settings** to save your password and enable password protection for your drive.

CAUTION! After creating a password, the drive remains unlocked for as long as you continue your current work session. Then, the WD SmartWare software:

- **Locks the drive when you shut down your computer or disconnect your drive**
- **Requires you to type your password to unlock the drive when you restart your computer or reconnect your drive**

Unlocking Your Drive

After you have created a password to keep others from accessing the files on your drive, you will have to type your password to unlock the drive whenever:

- You shut down and restart your computer
- You disconnect and reconnect the drive to your computer
- Your computer exits the sleep mode

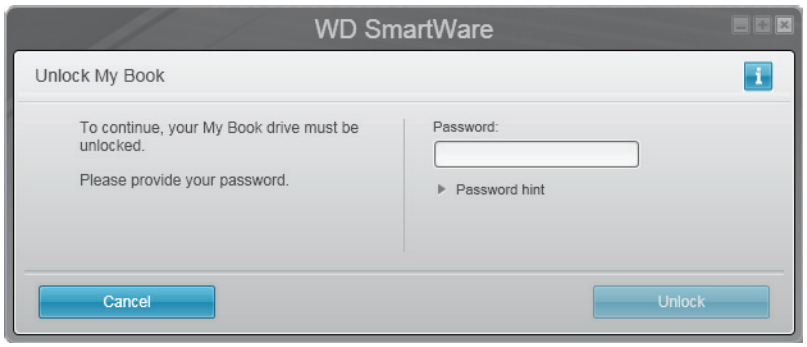
You will have to do this even if you do not have the WD SmartWare software installed on your computer.

Unlocking Your Drive with the WD SmartWare Software

Whenever you shut down and restart your computer, or disconnect and reconnect the drive to your computer, the WD SmartWare software displays a **Drive is locked** message in place of the content gauge for your My Book drive:

To unlock your drive using the WD SmartWare software:

1. As prompted, click the My Book image above the **Drive is locked** message to open the WD SmartWare drive unlock screen:



2. Type your password in the **Password** box.
3. Click **Unlock** to unlock your drive and enable the WD SmartWare software.

Unlocking Your Drive Without the WD SmartWare Software

Whenever you connect your password-protected drive to a computer that does not have the WD SmartWare software installed, you can still access the virtual CD partition on your drive, and install the WD SmartWare software as usual. You will not be able to access the data portion of your drive until you unlock it.

To unlock the drive without the WD SmartWare software installed:

1. Start the WD SmartWare Drive Unlock utility by either:
   - Using your computer's file management utility to open the WD SmartWare virtual CD and double-clicking the Unlock.exe file
   - Clicking **Start** > **My Computer** and double-clicking the WD SmartWare icon under **Devices with Removable Storage**

2. Type your password in the **Password** box.
3. Click **Unlock** to unlock your drive.
4. At the **Your drive is now unlocked** prompt, click **Exit** to close the WD SmartWare Drive Unlock utility screen.

Turning Off the Drive Lock Feature

To remove password protection from your drive:

1. Click **Security** on either the WD SmartWare Drive Settings screen or the drive management Drive Settings screen (see Figure 17 on page 30) to display the Your Drive is Secure dialog:

2. Type your password in the **Password** box.
3. Select the **Remove security** option.
4. Click **Update Security Settings** to remove password protection from your drive and redisplay the Set Security dialog.

Changing Your Password

To change your password:

1. On the Your Drive is Secure dialog, select the **Change password** option and:
   a. Type your new password in the **New password** box.
   b. Retype your new password in the **Verify password** box.
   c. Type a hint to help remind yourself of your new password in the **New password hint** box.
2. Click **Update Security Settings** to change your password.

6

Managing and Customizing Your Drive

This chapter includes the following topics:

Using the WD SmartWare Icon
Opening the WD SmartWare Software
Checking Drive Status
Monitoring Icon Alerts
Safely Disconnecting the Drive
Customizing Your Software Settings
Customizing Your Drive Settings
Uninstalling the WD SmartWare Software

Using the WD SmartWare Icon

After you have installed the WD SmartWare software, the WD SmartWare icon displays in the Windows taskbar.

By clicking the icon, you can:

- Open the WD SmartWare software
- Check the drive status
- Monitor icon alerts
- Safely disconnect the drive

The following sections describe how to use the icon and other ways to do these things.

Opening the WD SmartWare Software

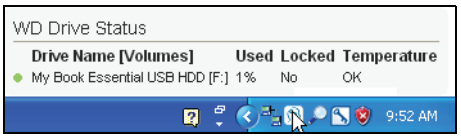
If the WD SmartWare software does not start automatically, you can restart it by:

- Clicking **Start** > **(All) Programs** > **WD SmartWare** > **WDSmartWare**.
- Double-clicking the WD SmartWare icon in the taskbar.

Note: You can also left- or right-click WD SmartWare icon in the taskbar and select **WD SmartWare**.

Checking Drive Status

Hover the pointer over the WD SmartWare icon in the taskbar to see the drive capacity used and drive temperature, and to find out if the drive is locked:



Monitoring Icon Alerts

The WD SmartWare icon in the taskbar flashes to indicate drive status:

IF the WD SmartWare icon flashes . . .	THEN the drive might be . . .
Green and white,	Locked or in a format that the WD SmartWare software does not understand (non-Windows format in a Windows environment).
Red and white,	Overheated. Power down the drive and let it cool for 60 minutes. Power it back on, and if the problem persists, contact WD Support.

Safely Disconnecting the Drive

CAUTION! To prevent data loss, close all active windows and applications before shutting down or removing the drive.

You can safely disconnect the drive from your computer by using either:

- The WD SmartWare icon in the taskbar
- The drive power button

Using the WD SmartWare Icon

To safely disconnect the drive using the WD SmartWare icon:

1. Right-click the WD SmartWare icon in the taskbar, and then click **Safely remove My Book Essential USB HDD**:

   You might hear the drive power down.

2. Wait for the power/activity LED to turn off before disconnecting the drive from the computer.

Using the Drive Power Button

To safely disconnect the drive using the drive power button:

1. Press the power button on the back of the My Book drive.

   You might hear the drive power down.

2. Wait for the power/actifity LED to turn off before disconnecting the drive from the computer.

Customizing Your Software Settings

The WD SmartWare software makes it easy for you to quickly customize its own software settings for the best possible performance with your drive by:

- Specifying the number of backup versions that you want to keep for each file
- Inhibiting backups until your computer is idle
- Specifying a unique folder to store files retrieved from your drive
- Automatically checking for WD SmartWare software updates

To customize your WD SmartWare software settings for the best possible performance with your drive, on the Software Settings screen (see Figure 12 on page 23):

IF you want to . . .	THEN click . . .	AND see . . .
Change the number of backup versions to keep for each file,	**File History**	"Specifying the Number of Backup Versions" on page 23.
Enable anytime backups or inhibit them until your computer is idle,	**Backup Speed**	"Pausing Backups Until Your Computer is Idle" on page 24.
Specify a path to a different retrieve folder,	**Retrieve Folder**	"Specifying a Different Retrieve Folder" on page 36.
Change the option that checks for software updates whenever you reconnect your My Book drive to your computer,	**Preferences**	"Setting the Preferences Option" on page 36.

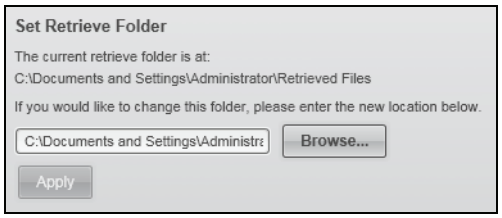
Specifying a Different Retrieve Folder

When you start a retrieve, you can choose whether you want to store the retrieved files in either:

- Their original locations on your computer
- A Retrieved Content folder

By default, the WD SmartWare software creates and uses a Retrieved Content subfolder in your My Documents folder. To specify a different folder:

1. Either create a new folder or determine which existing folder you want to use.
2. On the Software Settings screen (see Figure 12 on page 23), click **Retrieve Folder** to display the Set Retrieve Folder dialog:


Set Retrieve Folder
The current retrieve folder is at:
C:\Documents and Settings\Administrator\Retrieved Files
If you would like to change this folder, please enter the new location below.
C:\Documents and Settings\Administra
Browse...
Apply

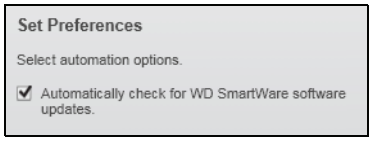
3. Click **Browse** and use the browse function to identify the new retrieve folder.
4. Click **Apply** to save and implement the new retrieve folder.

Setting the Preferences Option

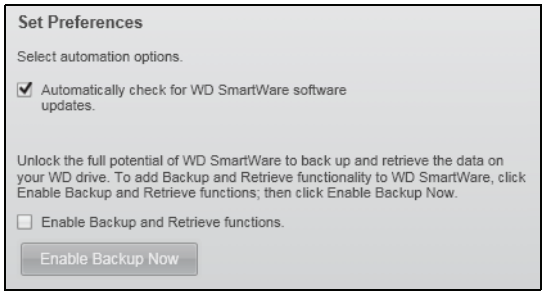
When enabled, each time you reconnect your My Book drive to your computer, the Preferences option checks for software updates. This ensures that you are always using the most-recent software version.

To enable or disable the Preferences option:

1. On either the Software Settings screen (Figure 12 on page 23) or the drive management Drive Settings screen (Figure 17 on page 30), click **Preferences** to display a Set Preferences dialog:



WD SmartWare Set Preferences Dialog


Set Preferences
Select automation options.
Automatically check for WD SmartWare software updates.
Unlock the full potential of WD SmartWare to back up and retrieve the data on your WD drive. To add Backup and Retrieve functionality to WD SmartWare, click Enable Backup and Retrieve functions; then click Enable Backup Now.
Enable Backup and Retrieve functions.
Enable Backup Now

Drive Management Set Preferences Dialog

2. On either dialog, select or clear the **Automatically check for WD SmartWare software updates** check box to enable or disable the Preferences option.

   Note: See "Enabling the Backup and Retrieve Functions" on page 43 for information about the **Enable Backup and Retrieve** check box on the drive management Set Preferences dialog.

Customizing Your Drive Settings

The WD SmartWare software makes it easy for you to quickly customize the settings of your drive for the best possible performance.

- Security—Create, modify, and disable passwords that keep others from accessing the files on your drive.
- Registration—Register your drive to receive free technical support during the warranty period and find out about software updates, product enhancements, and price discount opportunities.
- Diagnostics—Run diagnostics and status checks to make sure your drive is working properly.
- Sleep Timer—Turn your drive off during periods of extended inactivity to conserve power and extend the life of the drive.
- Drive Erase—Erase all of the contents on the drive, including any password that has been set.
- Virtual CD—Show or hide the virtual CD icon and drive listing in your Windows Explorer and My Computer Devices with Removable Storage displays.
- Preferences—Enable the Backup and Retrieve functions if you selected **Install Drive Settings** at the **What would you like to do?** prompt on the Welcome to WD SmartWare screen.

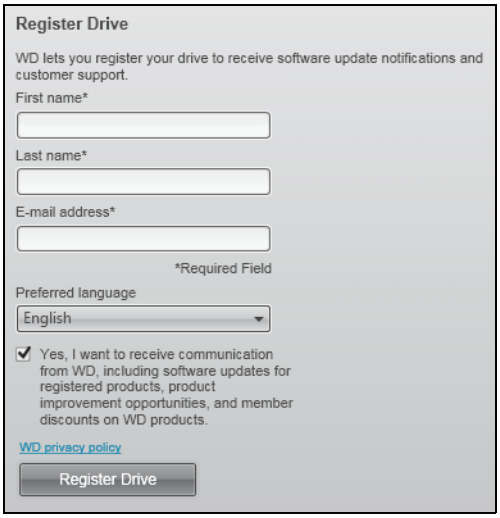
To customize your drive settings for the best possible performance, on either the WD SmartWare Drive Settings screen or the drive management Drive Settings screen (see Figure 17 on page 30):

IF you want to . . .	THEN click . . .	AND see . . .
Use a password to keep others from accessing the files on your drive,	**Security**	"Password Protecting Your Drive" on page 29.
Change your password,	**Security**	"Changing Your Password" on page 33.
Remove password protection from your drive,	**Security**	"Turning Off the Drive Lock Feature" on page 32.
Register your drive to receive free technical support during the warranty period and be kept up-to-date on the latest WD products,	**Registration**	"Registering Your Drive" on page 39.
Run drive diagnostics and status checks,	**Diagnostics**	"Checking Drive Health" on page 44.
Specify an inactive time interval to turn off your drive,	**Sleep Timer**	"Setting the Drive Sleep Timer" on page 39.
Erase your drive so you can retrieve the space and start over with a fresh set of backups,	**Drive Erase**	"Erasing Your Drive" on page 40.
Enable (show) or disable (hide) the virtual CD icon for your drive,	**Virtual CD**	"Showing or Hiding the Virtual CD Icon" on page 42
Change the option that checks for software updates whenever you reconnect your WD SmartWare drive to your compute,	**Preferences** (Only available on the drive management Drive Settings screen)	"Setting the Preferences Option" on page 36.
Enable the Backup and Retrieve functions,	**Preferences** (Only available on the drive management Drive Settings screen)	"Enabling the Backup and Retrieve Functions" on page 43.

Registering Your Drive

The WD SmartWare software uses your computer's Internet connection to register your drive. To register your drive to receive free technical support during the warranty period and be kept up-to-date on the latest WD products:

1. Make sure that your computer is connected to the Internet.
2. On the Drive Settings screen (see Figure 17 on page 30), click **Registration** to display the Register Drive dialog:


Register Drive
WD lets you register your drive to receive software update notifications and customer support.
First name*
Last name*
E-mail address*
*Required Field
Preferred language
English
Yes, I want to receive communication from WD, including software updates for registered products, product improvement opportunities, and member discounts on WD products.
WD privacy policy
Register Drive

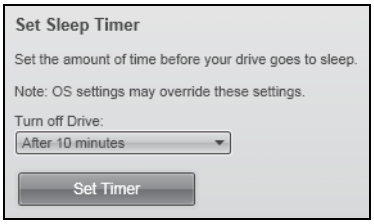
3. Type your first name in the **First name** box.
4. Type your last name in the **Last name** box.
5. Type your e-mail address in the **E-mail address** box.
6. Select your language in the **Preferred language** box.
7. Select or clear the **Yes, I want to receive communication...** check box to specify whether or not you want to receive e-mail notifications about software updates, product enhancements, and price discount opportunities.
8. Click **Register Drive** to register your drive.

Setting the Drive Sleep Timer

The drive sleep timer turns off the power to your drive after a certain period of inactivity to conserve power and minimize long-term wear on the drive.

To specify the inactivity period for the sleep timer:

1. On the Drive Settings screen (see Figure 17 on page 30), click **Sleep Timer** to display the Set Sleep Timer dialog:


Set Sleep Timer
Set the amount of time before your drive goes to sleep.
Note: OS settings may override these settings.
Turn off Drive:
After 10 minutes
Set Timer

2. In the **Turn off Drive** box, select the inactivity time interval at which you want to turn off the drive.
3. Click **Set Timer** to save and implement your sleep timer selection.

Erasing Your Drive

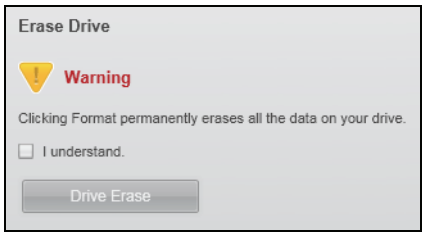
CAUTION! Erasing your drive permanently deletes all of the data on your drive. Always make sure that you no longer need any of the data on your drive before erasing the drive.

The WD SmartWare software provides two ways to erase your drive, depending on whether your My Book drive is locked or not:

IF your drive is . . .	AND you . . .	THEN see . . .
Not locked,	*Want* to erase the drive,	"Using the Drive Settings Drive Erase Function" in the following section.
Locked,	Have forgotten or lost your password and *must* erase the drive,	"Using the Drive Unlock Utility" on page 41.

Using the Drive Settings Drive Erase Function. To erase your My Book when the drive is not locked:

1. On the Drive Settings screen (see Figure 17 on page 30), click **Drive Erase** to display the Erase Drive dialog:

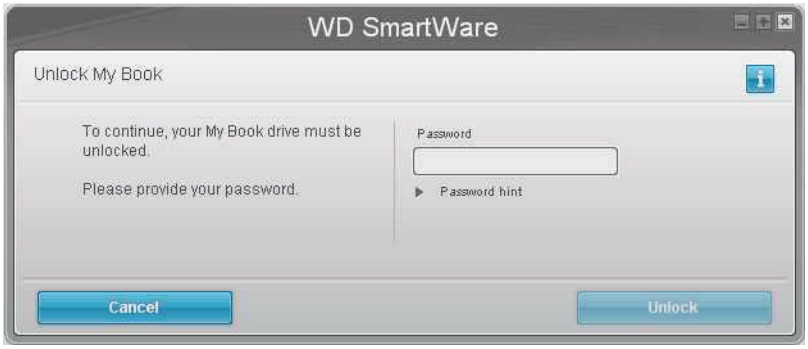


2. Read the warning about the loss of data if you erase your drive.
3. Click the **I understand** check box to signify that you accept the risk.
4. Click **Drive Erase** to erase your drive.

Note: Erasing your drive also removes your password. If you still want to use a password to protect your drive, you will need to do it again after erasing the drive. (See "Password Protecting Your Drive" on page 29.)

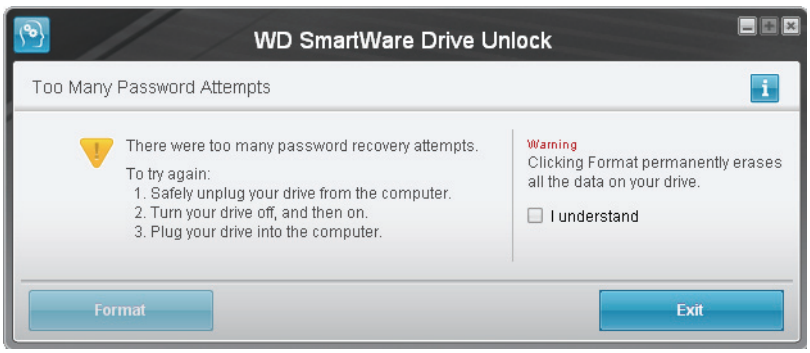
Using the Drive Unlock Utility. To erase your My Book when the drive is locked and you have forgotten or lost your password:

1. Either:
   - Click the My Book image above the **Drive is locked** prompt on the Home screen to display the WD SmartWare drive unlock screen:



   - Start the WD SmartWare Drive Unlock utility by either:
     - Using your computer's file management utility to open the WD SmartWare virtual CD and double-clicking the Unlock.exe file
     - Clicking **Start** > **My Computer** opening the WD SmartWare virtual CD listing under Devices with Removable Storage and double-clicking the Unlock.exe file

2. Make five attempts to unlock the drive by:
   a. Typing a password in the **Password** box.
   b. Clicking **Unlock**.
3. The fifth invalid password attempt displays the **Too many attempts** prompt:


WD SmartWare Drive Unlock
Too Many Password Attempts
There were too many password recovery attempts.
To try again:
1. Safely unplug your drive from the computer.
2. Turn your drive off, and then on.
3. Plug your drive into the computer.
Warning
Clicking Format permanently erases all the data on your drive.
I understand
Format
Exit

4. Read the warning about the loss of data if you erase your drive.

5. Click the **I understand** check box to signify that you accept the risk.
6. Click **Format** to erase your drive.

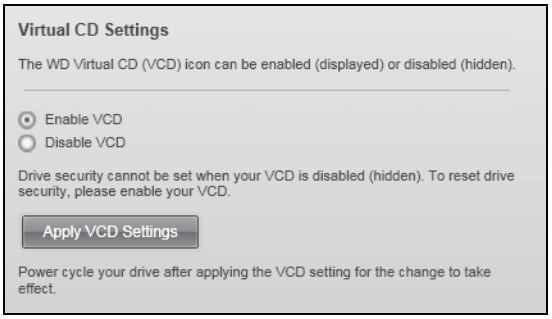
Note: Erasing your drive also removes your password. If you still want to use a password to protect your drive, you will need to do it again after erasing the drive. (See "Password Protecting Your Drive" on page 29.)

Showing or Hiding the Virtual CD Icon

Each WD SmartWare drive that you connect to your computer adds its own virtual CD icon to your Windows Explorer and My Computer Devices with Removable Storage listings. Use the Virtual CD Settings dialog to enable (show) or disable (hide) the virtual CD icon for your drive.

Note: Hiding the virtual CD icon also disables password protection for your drive. If you disable (hide) the VCD, you will not be able to create a password to protect your drive. Or, if you have already created a password, you will not be able to disable (hide) the VCD until you remove password protection (see "Turning Off the Drive Lock Feature" on page 35).

1. On the Drive Settings screen (see Figure 17 on page 32), click **Virtual CD** to display the Virtual CD Settings dialog:

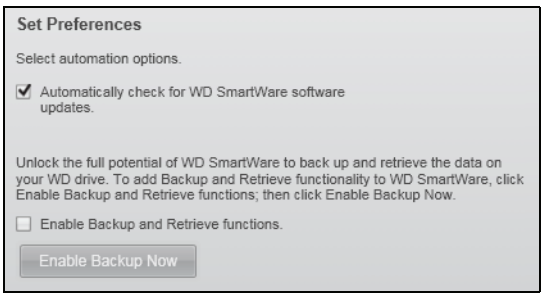

Virtual CD Settings
The WD Virtual CD (VCD) icon can be enabled (displayed) or disabled (hidden).
Enable VCD
Disable VCD
Drive security cannot be set when your VCD is disabled (hidden). To reset drive security, please enable your VCD.
Apply VCD Settings
Power cycle your drive after applying the VCD setting for the change to take effect.

2. Click:
   - **Enable VCD** if you want to show the virtual CD icon
   - **Disable VCD** if you want to hide the virtual CD icon
3. Click **Apply VCD** Settings to implement your selection.
4. As prompted, for your change to take effect, you must power cycle your My Book drive:
   a. Disconnect the USB cable from your drive.
   b. Either disconnect the AC power adapter cable or press the drive power button to off.
   c. Wait ten seconds.
   d. Either reconnect the AC power adapter cable or press the drive power button to on.
   e. Reconnect the USB cable to your drive.
5. Check your Windows Explorer and My Computer Devices with Removable Storage listings to confirm the change.

Enabling the Backup and Retrieve Functions

If you selected **Install Drive Settings** at the **What would you like to do?** prompt on the Welcome to WD SmartWare screen and now want to enable the backup and retrieve functions:

1. On the disk management Drive Settings screen (see Figure 17 on page 30), click **Preferences** to display the Set Preferences dialog:


Set Preferences
Select automation options.
Automatically check for WD SmartWare software updates.
Unlock the full potential of WD SmartWare to back up and retrieve the data on your WD drive. To add Backup and Retrieve functionality to WD SmartWare, click Enable Backup and Retrieve functions; then click Enable Backup Now.
Enable Backup and Retrieve functions.
Enable Backup Now

2. Select the **Enable Backup and Retrieve functions** check box.
3. Click **Enable Backup Now** to:
   - Add the **Backup** and **Retrieve** tabs to the Home screen display
   - Add the **Set Up Software** and **Set Up Drive** options to the Settings screen
   - Remove the **Preferences** option from the Drive Settings screen

Uninstalling the WD SmartWare Software

You can easily uninstall the software. However, you will need to restart the Run Backup backup job manually after reinstalling the software as uninstalling deletes all existing backup job configurations. (See “About Backing Up Your Computer Files” on page 18.)

Use your operating system’s Add or Remove Programs function to uninstall the WD SmartWare software from your computer.

Uninstalling on Windows XP

1. Click **Start** > **Control Panel**.
2. Double-click **Add or Remove Programs**.
3. Select **WD SmartWare** and click **Remove**.
4. Click **Yes** at the **Are you sure...** prompt.

Uninstalling on Windows Vista or Windows 7

1. Click **Start** > **Control Panel**.
2. Double-click **Programs and Features**.
3. Click **WD SmartWare** or the WD SmartWare icon and click **Uninstall/Change** at the top of the screen.
4. Click **Yes** at the **Do you wish to proceed...** prompt.

7

Checking Drive Health

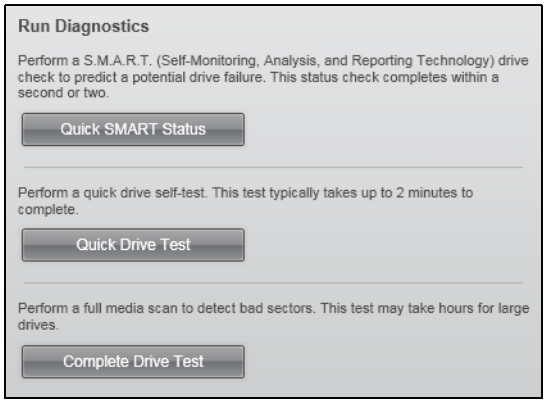
The data files on your My Book drive are important to you. The WD SmartWare software has several built-in diagnostic tools to help make sure that your drive is performing well. Run one of the following tests if you are concerned that your drive is not operating properly:

Diagnostic Tool	Description
Quick S.M.A.R.T. Status Check	S.M.A.R.T. is a failure-prediction function that continuously monitors key internal performance attributes of the drive. A detected increase in drive temperature, noise, or read/write errors, for example, can provide an indication that the drive might be approaching a serious failure condition. With advanced warning, you could take precautionary measures, like moving your data to another drive, before a failure occurs. The result of a quick S.M.A.R.T. status check is a pass or fail evaluation of the drive's condition. The S.M.A.R.T. status check completes within a second or two.
Quick Drive Test	Your My Book drive has a built-in Data Lifeguard diagnostic utility that tests the drive for error conditions. The quick drive test checks the drive for major performance problems. The result of a quick drive test is a pass or fail evaluation of the drive's condition. The quick drive test can take several minutes to complete.
Complete Drive Test	The most comprehensive drive diagnostic is the complete drive test. It methodically tests each and every sector for error conditions, and inserts bad-sector markers as required. The complete drive test can take several hours to complete, depending on the size and data configuration of your drive.

The best time to run the drive diagnostics and status checks is on a regular basis, before you encounter any problems with your drive. And, because they are so fast, running the quick S.M.A.R.T. status check and the quick drive test provides a high level of assurance with minimal inconvenience. Then, run all three whenever you encounter disk error conditions when backing up or retrieving files.

To run drive diagnostics and status checks:

1. On the Drive Settings screen (see Figure 17 on page 30), click **Diagnostics** to display the Run Diagnostics dialog:


Run Diagnostics
Perform a S.M.A.R.T. (Self-Monitoring, Analysis, and Reporting Technology) drive check to predict a potential drive failure. This status check completes within a second or two.
Quick SMART Status
Perform a quick drive self-test. This test typically takes up to 2 minutes to complete.
Quick Drive Test
Perform a full media scan to detect bad sectors. This test may take hours for large drives.
Complete Drive Test

2. Click the button for the test that you want to run:
   - **Quick SMART Status**
   - **Quick Drive Test**
   - **Complete Drive Test**

8

Using the Drive with a Mac

The My Book drive is preformatted as a single NTFS partition for compatibility with all updated Windows operating systems. To use the drive on Mac OS X operating systems (Tiger/Leopard/Snow Lepard), and to use Time Machine, if you want, you must first reformat it to a single HFS+J partition.

This chapter includes the following topics:

Reformatting the Drive
Connecting the Drive and Getting Started
Enhancing Performance with WD +TURBO
Installing the WD SmartWare Software
The WD SmartWare Home Screen
Using the WD SmartWare Icon
Opening the WD SmartWare Software
Checking Drive Status
Safely Dismounting the Drive
Unlocking the Drive
Uninstalling WD SmartWare Software

Reformatting the Drive

CAUTION! Reformatting the drive erases all its contents. If you have already saved files on the drive, be sure to back them up before reformatting it.

Go to *support.wdc.com* and refer to the appropriate Knowledge Base Answer ID for information about reformatting a Windows drive:

- 287 or 3323 for Mac OS X
- 1364 for FAT32

See “Troubleshooting” on page 54 for more information about reformatting a drive.

Connecting the Drive and Getting Started

After you have reformatted the drive for use on a Mac computer:

1. Turn on your Mac computer.
2. Connect the My Book drive to your computer as shown in Figure 4 on page 7.
3. After you physically connect the drive, the WD SmartWare virtual CD:
   - Icon displays on the desktop:

   - Is listed under Devices in Finder:

The My Book icon also displays on your desktop, where “MY BOOK” is the name you assigned to the volume when you reformatted the drive for use with the Mac computer:

Your My Book drive is now ready to use as an external storage device. You can enhance its performance by installing the following software that is on the drive:

- WD +TURBO utility (see “Enhancing Performance with WD +TURBO” in the next section)
- WD SmartWare software (see “Installing the WD SmartWare Software” on page 49)

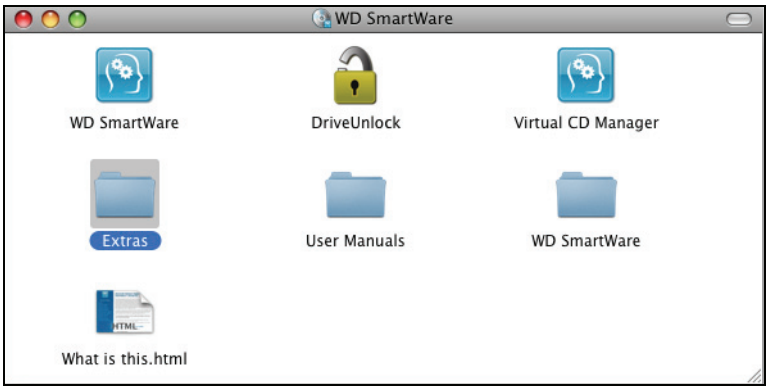
Enhancing Performance with WD +TURBO

WD +TURBO is a utility on the My Book drive that you can install to improve the performance of the drive on a Mac computer.

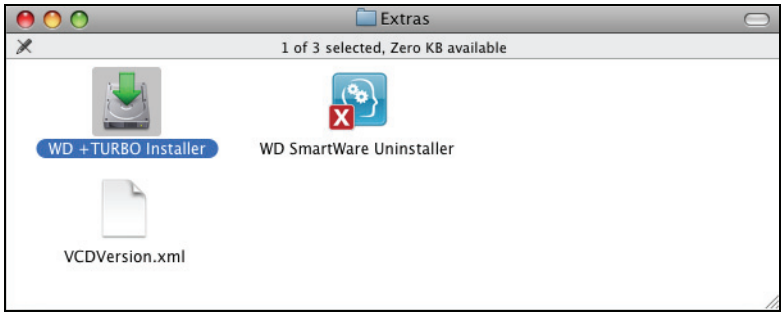
If you are going to install the WD SmartWare software, you do not need to install the WD +TURBO utility yourself—the WD SmartWare software will install it for you. If you are not going to install the WD SmartWare software, install WD +TURBO to enhance the performace of your My Book drive.

To install WD +TURBO:

1. Double-click the WD SmartWare virtual CD icon and then double-click the Extras folder on the screen that displays:



2. Double-click the WD +TURBO Installer icon:



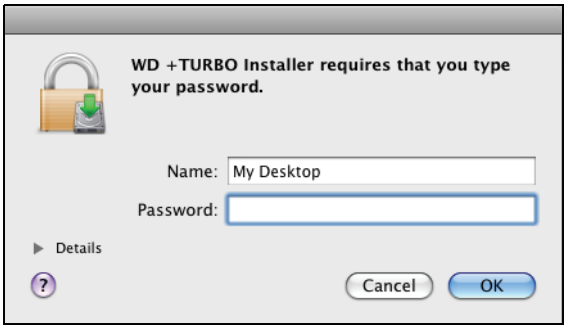
3. Click Install on the WD +TURBO Driver Installer screen:

4. Read the license agreement and click **Accept** to continue.
5. A message informs you that installing the drivers requires you to restart your computer to make them active:

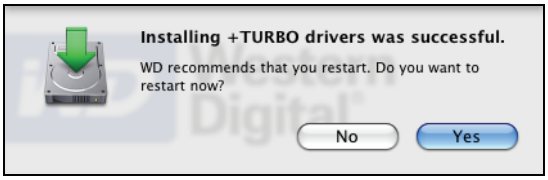
Installing the Western Digital +TURBO drivers requires you to restart the computer to make them active.
Do you want to proceed and install the drivers?
No
Yes

Click **Yes** to continue.

6. Type the password that you normally use to access the computerin the **Password** box:



7. Click **OK**.
8. As prompted, when the installation completes, click **Yes** to restart the computer:



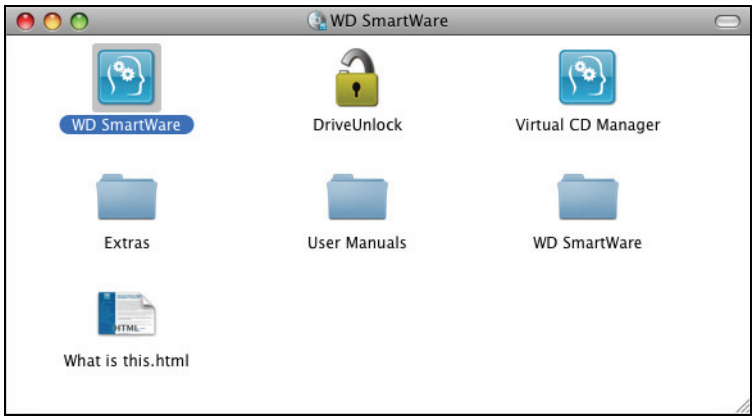
9. When the computer restarts, the My Book icon now looks like this, where “MY BOOK” is the name you assigned to the volume when you reformatted the drive for use with the Mac computer:

Your My Book drive is now ready to use as an enhanced-performance external storage device.

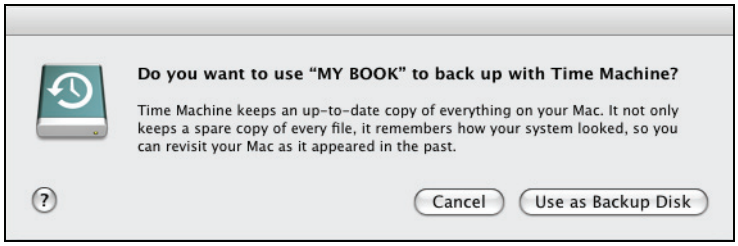
Installing the WD SmartWare Software

To install the WD SmartWare software:

1. Double-click the WD SmartWare virtual CD icon and then double-click the WD SmartWare icon on the screen that displays:



Note: Mac OS X Leopard and Snow Leopard only: A message asks whether you want to use the My Book drive to back up with Time Machine:


Do you want to use "MY BOOK" to back up with Time Machine?
Time Machine keeps an up-to-date copy of everything on your Mac. It not only keeps a spare copy of every file, it remembers how your system looked, so you can revisit your Mac as it appeared in the past.
Cancel
Use as Backup Disk

WD SmartWare software is fully compatible with Apple's Time Machine software. When using Time Machine, you can still use the WD SmartWare software for password protecting the drive, registering the drive, and running drive diagnostics.

a. If you *do not* want to use the Time Machine backup software, click **Cancel**.

b. If you *do* want to use the Time Machine backup software, click **Use as Backup Disk**. The My Book icon now displays as:

2. The Welcome to WD SmartWare Software screen displays:

Note: If a Flash Player is installed on your computer, the screen is animated.

3. Continue to “Getting Started with the WD SmartWare Software” in the next section.

Getting Started with the WD SmartWare Software

After you select either **Install WD SmartWare**, **Install Drive Settings**, or **Retrieve a backup**, the software will guide you through a simple two-step WD SmartWare software installation process. If a newer version of software is available the system will automatically alert you. WD highly recommends using the latest version of software, especially on a new installation.

After the installation is complete, the WD SmartWare software either:

- Guides you through:
  - Backing up your files (see Figure 18 on page 51 and “Backing Up Your Computer Files” on page 18)
  - Setting up your drive security (see Figure 19 on page 51 and “Password Protecting Your Drive” on page 29)
- Displays the Home screen (see Figure 20 on page 52 and “WD SmartWare Overview” on page 13)

Note: The initial Backup and Drive Settings screens only appear one time—the first time you install the WD SmartWare software on your computer. After that, launching the software displays the Home screen so you can choose what you want to do.

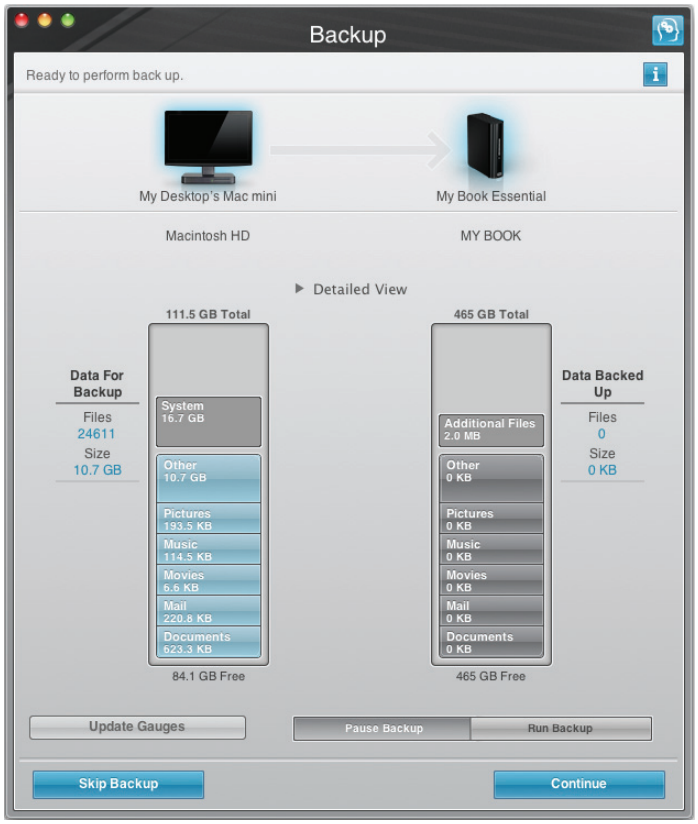


Figure 18. Initial Backup Screen

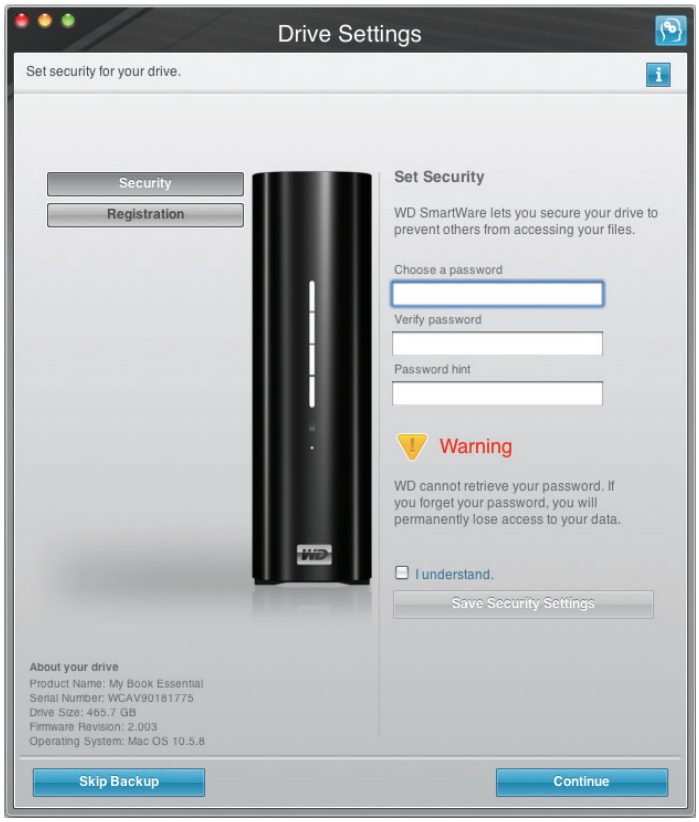


Figure 19. Initial Drive Settings Screen

Figure 20. Home Screen

The WD SmartWare Home Screen

On the Home screen, you can modify the primary drive being categorized with the drop-down selection box under the name of your computer. If you select a different drive, the system will identify the categories of files on that drive. Then click the **Backup** or **Retrieve** tab to either back up from or retrieve files to a location other than your computer's main hard drive.

In the Content Gauge for your computer's hard drive, all of your files that are available for backup are shown against a blue background in categories that are based on the following folders on your computer:

- **Music**
- **Movies**
- **Pictures**
- **Mail**
- **Documents**
- **Other**

Each category includes all of the files in the represented folder except the **Other** category, which includes all of the files in all other folders on your computer.

Note that:

- The **System** category, shown against a dark gray background, includes all of your operating system files that are not available for backup. Files that are not backed up include system files, program files, applications, and working files.

- The **Retrieved** category, also shown against a dark gray background, shows the files that you have retrieved from a prior backup. They, too, are not available for backup.
- Hovering the pointer over a category displays the number of files in the category.

In the Content Gauge for your My Book drive, the **Additional Files** category includes all of the files shown in the used space portion of your drive properties. This space is not available for backups.

Note: The small number of files that are shown in the **Additional Files** category when you first install the WD SmartWare software—before performing your first backup—represent the system and hidden files that your computer's operating system put there when you installed the drive.

Using the WD SmartWare Icon

After you have installed the WD SmartWare Software, the WD SmartWare icon displays in the bar at the top-right corner of the screen.

By clicking the icon, you can:

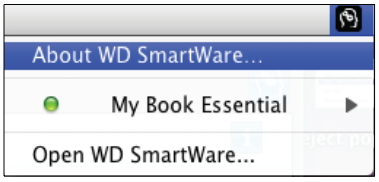
- Open the WD SmartWare software
- Check the drive status
- Safely dismount the drive and virtual CD

The following sections describe how to use the icon and other ways to do these things.

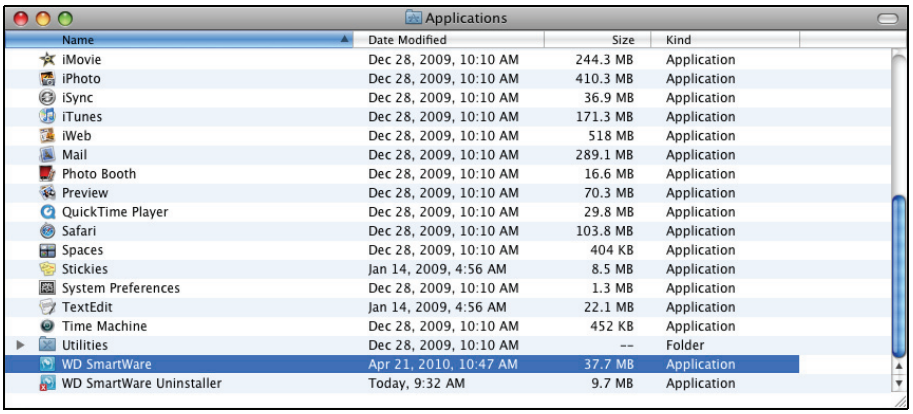
Opening the WD SmartWare Software

If the WD SmartWare software does not start automatically, you can restart it by:

- Clicking the WD SmartWare icon and selecting **Open WD SmartWare**:



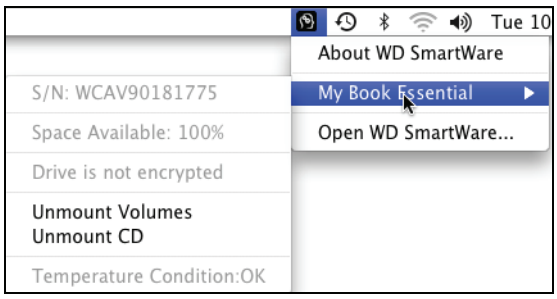
- Double-clicking **WD SmartWare** in the Applications list.


Applications
Name
Date Modified
Size
Kind
iMovie Dec 28, 2009, 10:10 AM 244.3 MB Application
iPhoto Dec 28, 2009, 10:10 AM 410.3 MB Application
iSync Dec 28, 2009, 10:10 AM 36.9 MB Application
iTunes Dec 28, 2009, 10:10 AM 171.3 MB Application
iWeb Dec 28, 2009, 10:10 AM 518 MB Application
Mail Dec 28, 2009, 10:10 AM 289.1 MB Application
Photo Booth Dec 28, 2009, 10:10 AM 16.6 MB Application
Preview Dec 28, 2009, 10:10 AM 70.3 MB Application
QuickTime Player Dec 28, 2009, 10:10 AM 29.8 MB Application
Safari Dec 28, 2009, 10:10 AM 103.8 MB Application
Spaces Dec 28, 2009, 10:10 AM 404 KB Application
Stickies Jan 14, 2009, 4:56 AM 8.5 MB Application
System Preferences Dec 28, 2009, 10:10 AM 1.3 MB Application
TextEdit Jan 14, 2009, 4:56 AM 22.1 MB Application
Time Machine Dec 28, 2009, 10:10 AM 452 KB Application
Utilities Dec 28, 2009, 10:10 AM -- Folder
WD SmartWare Apr 21, 2010, 10:47 AM 37.7 MB Application
WD SmartWare Uninstaller Today, 9:32 AM 9.7 MB Application

Checking Drive Status

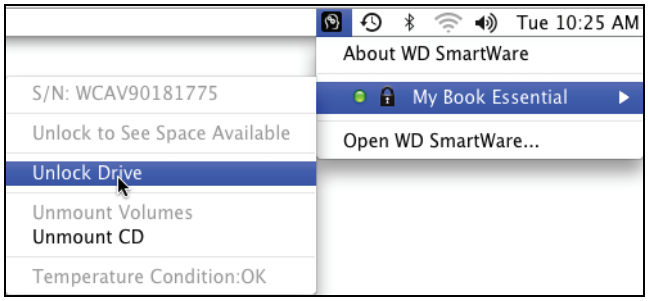
Use the WD SmartWare icon to determine whether the drive is encrypted (locked), how full the drive is, the drive's serial number, and the temperature condition of the drive:

1. Click the WD SmartWare icon to display a list of drives and select the My Book drive:

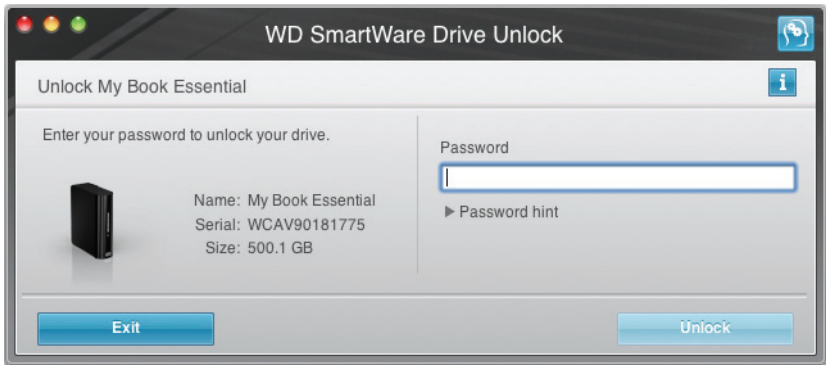


2. If the drive is unlocked (not encrypted), the submenu displays the serial number of the drive, the space available (if the drive is unlocked), and the temperature condition.

   If the drive is locked:



   a. Click **Unlock Drive** on the submenu to display the WD SmartWare Drive Unlock screen:



   b. Type your Password in the **Password** box.

   c. Click **Exit** at the **Your drive is now unlocked** prompt to close the WD SmartWare Drive Unlock screen.

3. Repeat step 1 to see the drive status.

Safely Dismounting the Drive

You can safely dismount the drive from a Mac using either the:

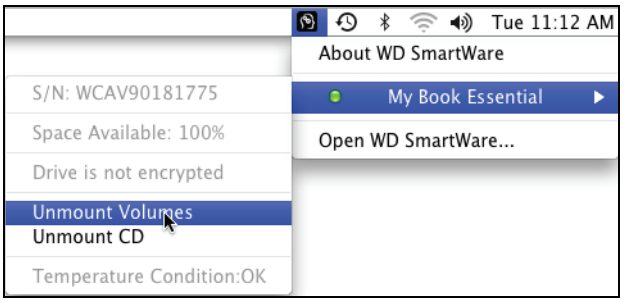
- WD SmartWare icon
- My Book icon
- Drive power button

CAUTION! To prevent data loss, close all active windows and applications before shutting down or removing the drive.

Using the WD SmartWare Icon

To safely dismouunt the drive using the WD SmartWare icon:

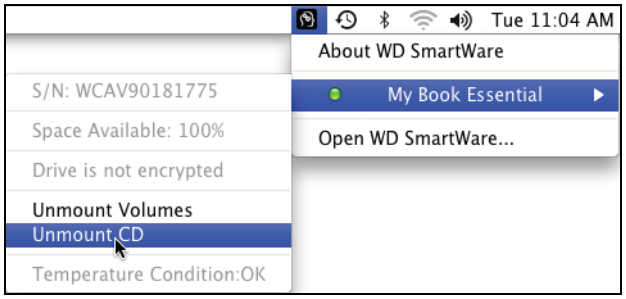
1. Click the WD SmartWare icon to display a list of drives.
2. Select the My Book drive, and then on the submenu, select **Unmount Volumes**:



   If the drive has more than one volume, a prompt asks you to select the volume.

   You might hear the drive power down.

3. Before you disconnect the drive from the computer, dismount the WD SmartWare virtual CD:
   a. Click the WD SmartWare icon again to display a list of drives.
   b. Reselect the My Book drive, and then on the submenu, select **Unmount CD:**

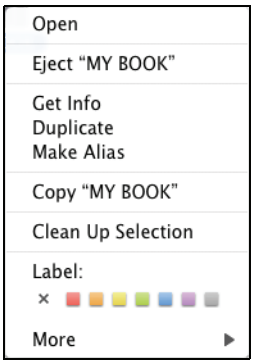


4. Wait until both the My Book drive icon and the WD SmartWare virtual CD icon disappear from the desktop before disconnecting the drive from the computer.

Using the My Book Icon

To safely dismouunt the drive using the My Book icon:

1. Right- or control-click the My Book icon on the desktop and click **Eject "MY BOOK"** where "MY BOOK" is the name you assigned to the volume when you reformatted the drive for use on a Mac computer:



   You might hear the drive power down.

2. Before you disconnect the drive from the computer, dismount the WD SmartWare virtual CD:

   Right- or control-click the WD SmartWare icon on the desktop and click **Eject "WD SmartWare"**:

3. Wait until both the My Book drive icon WD SmartWare virtual CD icon disappear from the desktop before disconnecting the drive from the computer.

Using the Drive Power Button

To safely dismount the drive using the drive power button:

1. Press the power button on the back of the My Book drive.

   You might hear the drive power down.

2. Wait until both the My Book drive icon and the WD SmartWare virtual CD icon disappear from the desktop before disconnecting the drive from the computer.

Unlocking the Drive

After you have created a password to keep others from accessing the files on your drive, you will have to type your password to unlock the drive whenever:

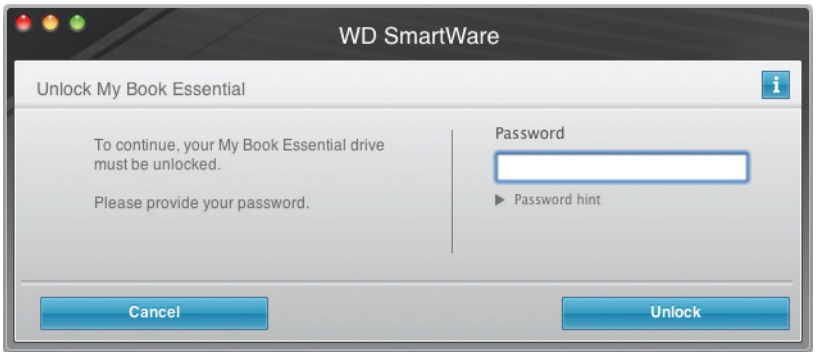
- You shut down and restart your computer
- You disconnect and reconnect the drive to your computer
- Your computer exits the sleep mode

You will have to do this even if you do not have the WD SmartWare software installed on your computer.

Unlocking Your Drive with the WD SmartWare Software

The procedure for unlocking your drive with the WD SmartWare software can be automatic or manual, depending on whether the **Please provide your password** prompt appears or not.

Automatically. Whenever you shut down and restart your computer, or disconnect and reconnect the drive to your computer, the WD SmartWare software displays the **Please provide your password** prompt:



To unlock your drive:

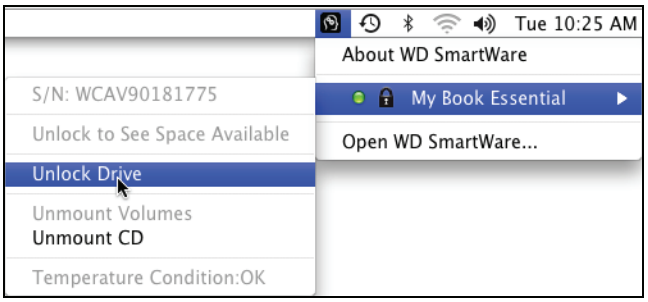
1. Type your password in the **Password** box.
2. Click **Unlock** to unlock your drive and enable the WD SmartWare software.

Manually. If your computer goes into sleep mode, an unlock screen might not display when you reactivate it. To unlock the drive, you can use either the:

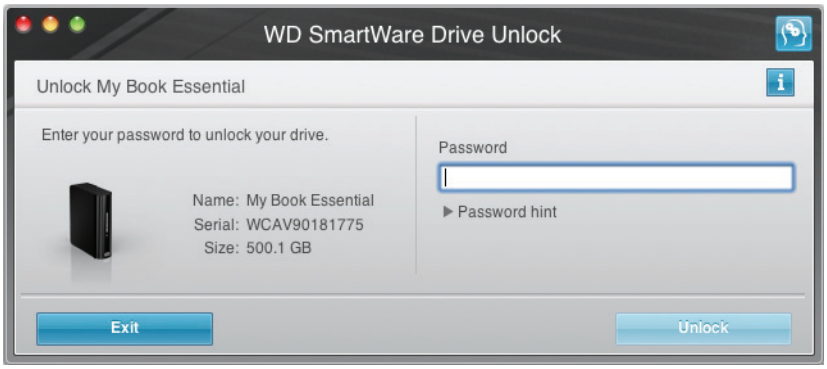
- WD SmartWare VCD as described in “Unlocking Your Drive Without the WD SmartWare Software” on page 59
- WD SmartWare icon

To unlock the drive manually, using the WD SmartWare icon:

1. Click the WD SmartWare icon in the bar at the top-right corner of the screen.
2. Select the My Book drive and then click **Unlock Drive**:



3. Type your password in the **Password** box and click **Unlock o**n the WD SmartWare Drive Unlock screen:



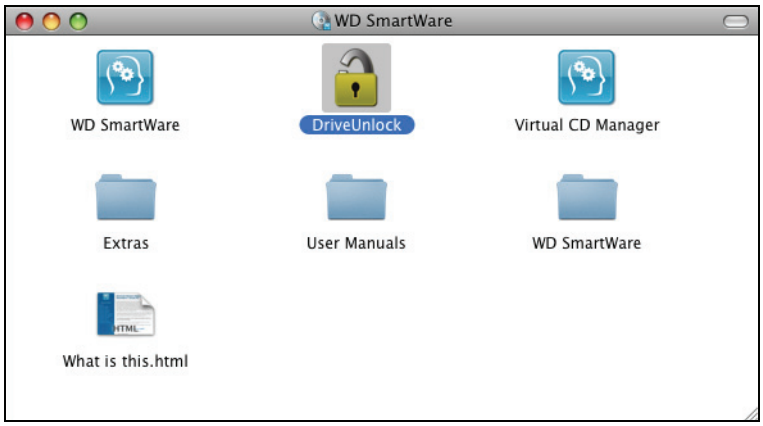
4. At the **Your drive is now unlocked** prompt, click **Exit** to close the WD SmartWare Drive Unlock screen.

Unlocking Your Drive Without the WD SmartWare Software

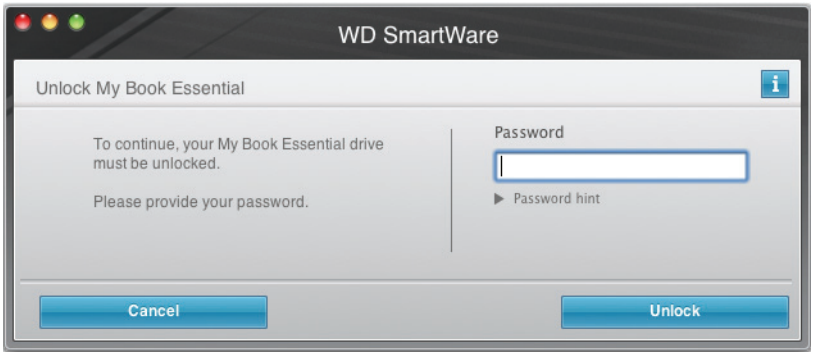
Whenever you connect your password-protected drive to a computer that does not have the WD SmartWare software installed, you can use the WD SmartWare Drive Unlock utility to unlock the drive there. The WD SmartWare software provides the Drive Unlock utility on the WD SmartWare virtual CD drive (VCD) that appears on your desktop:

To unlock the drive without the WD SmartWare software installed:

1. Double-click the WD SmartWare VCD icon and double-click the Drive Unlock icon on the screen that appears:



2. Type your password in the **Password** box:



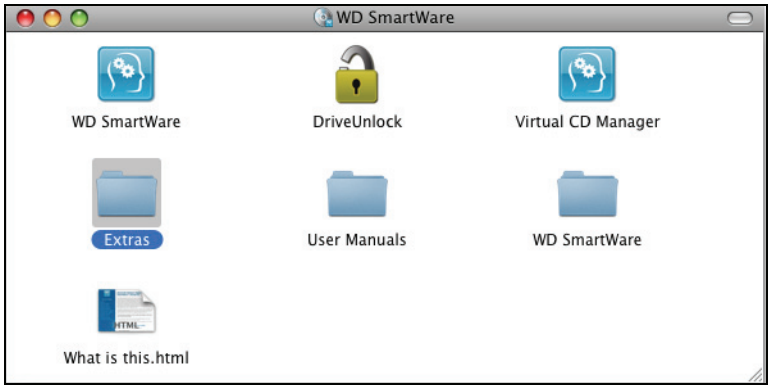
3. Click **Unlock** to unlock your drive.
4. Click **Exit** at the **Your drive is now unlocked** prompt to close the WD SmartWare Drive Unlock utility screen.

Uninstalling WD SmartWare Software

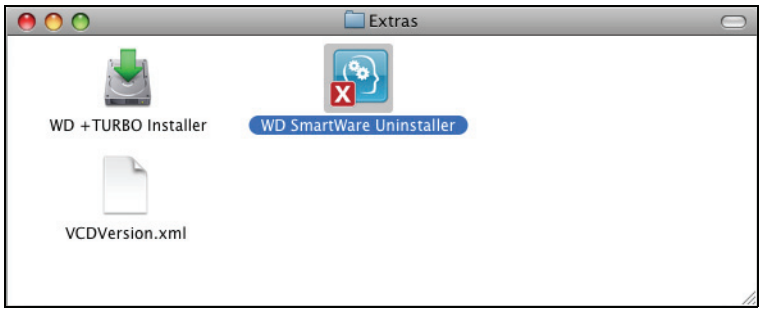
You can easily uninstall the software. However, you will need to restart the Run Backup backup job manually after reinstalling the software as uninstalling deletes all existing backup job configurations. (See “Backing Up Your Computer Files” on page 18.)

To uninstall the WD SmartWare software:

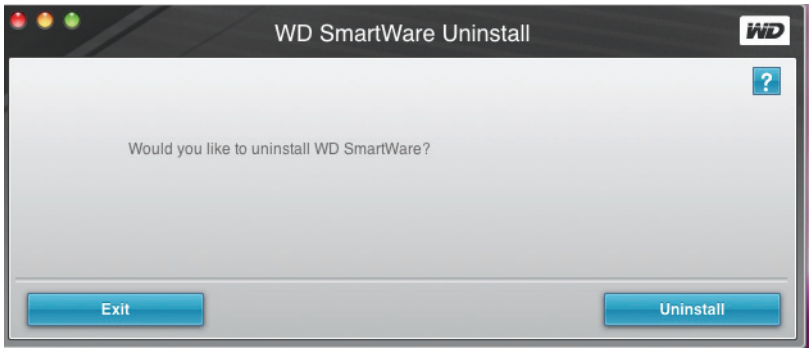
1. Double-click the WD SmartWare VCD icon, and then double-click the Extras folder on the screen that displays:



2. Double-click the WD SmartWare Uninstaller icon:



3. Click **Uninstall** on the WD SmartWare Uninstall screen:



9

Troubleshooting

This chapter includes the following topics:

Installing, Partitioning, and Formatting the Drive
Frequently Asked Questions

If you have problems installing or using this product, refer to this troubleshooting section or visit our support website at *support.wdc.com* and search our knowledge base for more help.

Installing, Partitioning, and Formatting the Drive

How to	Answer ID
▪ Install, partition, and format the drive in Windows XP and Vista	207, 3322
▪ Install, partition, and format the drive to Mac OS X 10.4.11 and 10.5+	287, 3323
▪ Reformat from Mac GPT to Windows XP NTFS	3645
▪ Reformat the drive from Mac GPT to Windows Vista NTFS format	3647
▪ Obtain and reinstall the original software included with this product	1425
▪ Format the drive to the FAT32 file system*	1364
▪ Use the drive on a Mac and a PC simultaneously	291

**The FAT32 file system has a maximum individual file size of 4 GB and cannot create partitions larger than 32 GB in Windows; however, Windows users can overcome these file size limitations by formatting the drive to NTFS using the Disk Management utility. See answer ID 1287 at support.wdc.com and article IDs 314463 and 184006 at support.microsoft.com for further details. To create partitions larger than 32 GB in FAT32 when reformatting the drive, download the External USB/FireWire FAT32 Formatting Utility from support.wdc.com/download.*

Frequently Asked Questions

Q: *How do I determine whether or not my system supports USB 2.0?*

A: Refer to your USB card documentation or contact your USB card manufacturer.

> *Note:* If your USB 2.0 controller is built into the system motherboard, be sure to install the appropriate chipset support for your motherboard. Refer to your motherboard or system manual for more information.

Q: *What happens when a USB 2.0 device is plugged into a USB 1.1 port or hub?*

A: USB 2.0 is backward compatible with USB 1.1. When connected to a USB 1.1 port or hub, a USB 2.0 device operates at the USB 1.1 full speed of up to 12 Mbps.

Q: *Why is the data transfer rate slow?*

A: Your system may be operating at USB 1.1 speeds due to an incorrect driver installation of the USB 2.0 adapter card or a system that does not support USB 2.0.

If your system includes a PCI slot, you can achieve Hi-Speed USB transfer rates by installing a USB 2.0 PCI adapter card. Contact the card manufacturer for installation procedures and more information.

> *Note:* If an additional external drive is connected to the WD product, USB bandwidth is shared and may affect performance.

Q: *Why does the drive not power up?*

A: Be sure the drive is plugged in to a power source. A special cable may be needed for computers with limited bus power. For more information in the U.S., visit our website at *store.westerndigital.com*. Outside the U.S., contact WD Technical Support in your region.

Q: *Why is the drive not recognized under My Computer or on the computer desktop?*

A: If your system has a USB 2.0 PCI adapter card, be sure that its drivers are installed before connecting your WD USB 2.0 external storage product. The drive is not recognized correctly unless USB 2.0 root hub and host controller drivers are installed. Contact the adapter card manufacturer for installation procedures.

Q: *Why won't my computer boot when I connect my USB drive to the computer before booting?*

A: Depending on your system configuration, your computer may attempt to boot from your WD portable USB drive. Refer to your system's motherboard BIOS setting documentation to disable this feature or visit *support.wdc.com* and see Knowledge Base answer ID 1201. For more information about booting from external drives, refer to your system documentation or contact your system manufacturer.

A

Installing an SES Driver

If you decide to not install the WD SmartWare software, you must have an SES driver installed on computers running Windows to keep the hardware popup wizard from displaying every time you connect your My Book drive to your computer.

Note: The SES Driver is installed automatically when you install the WD SmartWare software or if you clicked **Do Not Install** on the Welcome to WD SmartWare screen (see "Getting Started Without the WD SmartWare Software" on page 14).

This appendix includes the following topics:

Installing on Windows XP Computers
Installing on Windows Vista Computers
Installing on Windows 7 Computers

Installing on Windows XP Computers

After you physically connect the drive as shown in Figure 4 on page 7, the Found New Hardware Wizard screen displays.

Note: If Autoplay is enabled, two additional screens might appear at the same time as the Found New Hardware Wizard screen. If they appear, close them.

You can use the Found New Hardware Wizard to install the SES driver either:

- Automatically, if your computer is connected to the Internet
- Manually, whether your computer is connected to the Internet or not

Installing the Driver Automatically

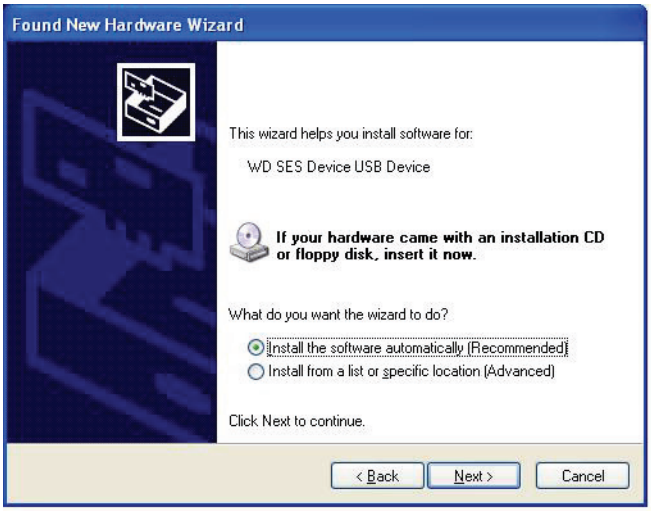
To install the SES driver automatically, your computer must be connected to the Internet:

1. Verify that your computer is connected to the Internet.
2. On the Found New Hardware Wizard screen, select **Yes this time only** to allow Windows XP to connect to Windows Update:

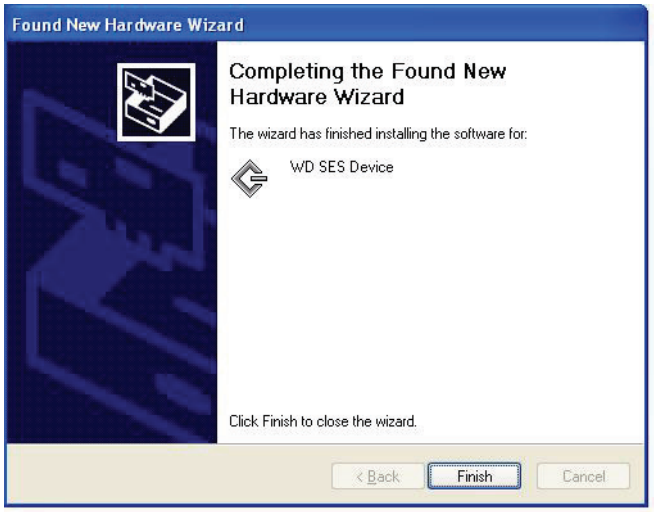
Found New Hardware Wizard
Welcome to the Found New Hardware Wizard
Windows will search for current and updated software by looking on your computer, on the hardware installation CD, or on the Windows Update Web site (with your permission).
Read our privacy policy
Can Windows connect to Windows Update to search for software?
Yes, this time only
Yes, now and every time I connect a device
No, not this time
Click Next to continue.
< Back
Next >
Cancel

3. Click **Next** to continue.

4. Select **Install the software automatically** and click **Next**:


Found New Hardware Wizard
This wizard helps you install software for:
WD SES Device USB Device
If your hardware came with an installation CD or floppy disk, insert it now.
What do you want the wizard to do?
Install the software automatically (Recommended)
Install from a list or specific location (Advanced)
Click Next to continue.
< Back
Next >
Cancel

5. When the installation completes, click **Finish**:



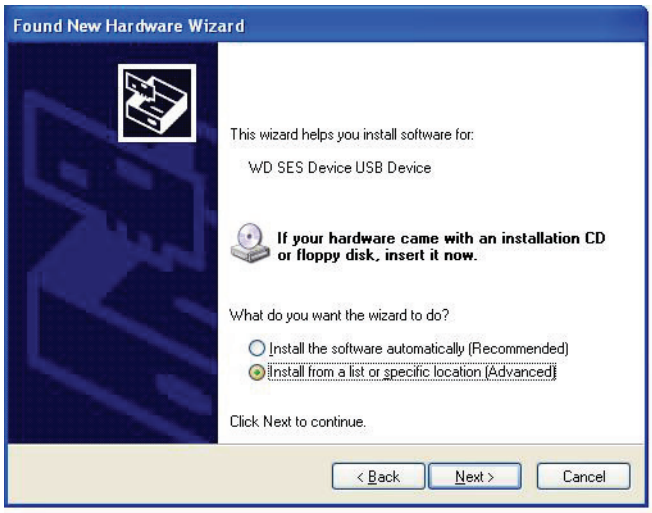
Installing the Driver Manually

If your computer is not connected to the Internet, install the driver manually:

1. On the Found New Hardware Wizard screen, select **No, not this time** to inhibit a connection attempt to Windows Update:

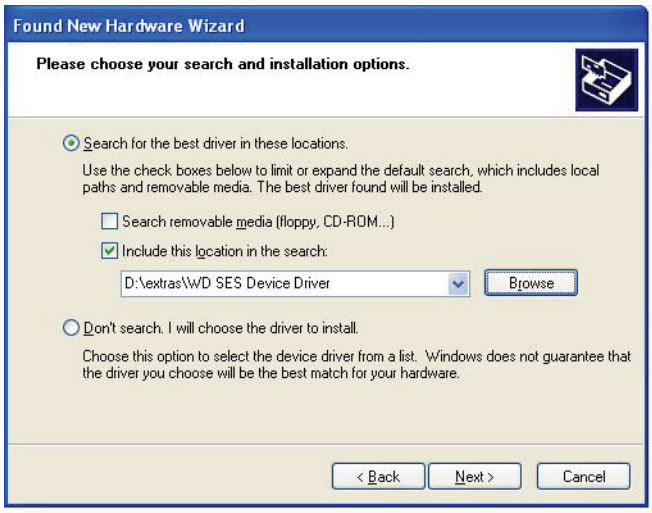
Found New Hardware Wizard
Welcome to the Found New Hardware Wizard
Windows will search for current and updated software by looking on your computer, on the hardware installation CD, or on the Windows Update Web site (with your permission).
Read our privacy policy
Can Windows connect to Windows Update to search for software?
Yes, this time only
Yes, now and every time I connect a device
No, not this time
Click Next to continue.
< Back
Next >
Cancel

2. Click **Next** to continue.
3. Select **Install from a list or specific location** and click **Next**:

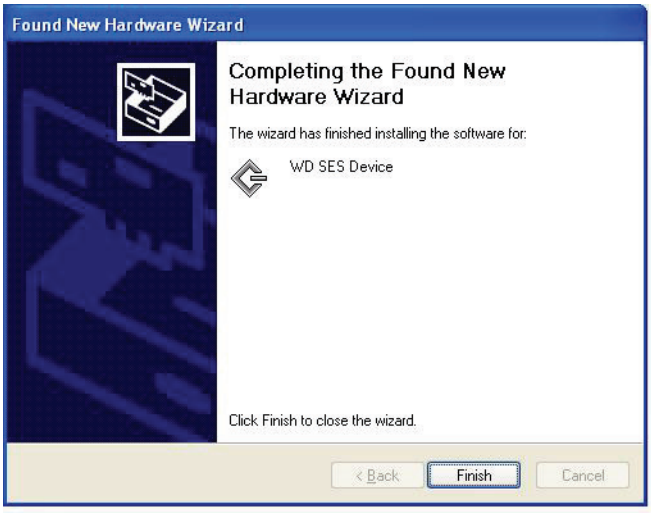

Found New Hardware Wizard
This wizard helps you install software for:
WD SES Device USB Device
If your hardware came with an installation CD or floppy disk, insert it now.
What do you want the wizard to do?
Install the software automatically (Recommended)
Install from a list or specific location (Advanced)
Click Next to continue.
< Back
Next >
Cancel

4. Browse to **My Computer** and:
   a. Double-click the My Book drive.
   b. Double-click the Extras folder.
   c. Select **WD SES Device Driver**.

d. Click **Next**:


Found New Hardware Wizard
Please choose your search and installation options.
Search for the best driver in these locations.
Use the check boxes below to limit or expand the default search, which includes local paths and removable media. The best driver found will be installed.
Search removable media (floppy, CD-ROM...)
Include this location in the search:
D:\extras\WD SES Device Driver
Browse
Don't search. I will choose the driver to install.
Choose this option to select the device driver from a list. Windows does not guarantee that the driver you choose will be the best match for your hardware.
< Back
Next >
Cancel

5. When the installation completes, click **Finish**:



Installing on Windows Vista Computers

After you physically connect the drive as shown in Figure 3 on page 5 or Figure 4 on page 6, the Found New Hardware screen displays.

Note: If Autoplay is enabled, two additional screens might appear at the same time as the Found New Hardware screen. If they appear, close them.

You can use the Found New Hardware screen to install the SES driver either:

- Automatically, if your computer is connected to the Internet
- Manually, whether your computer is connected to the Internet or not

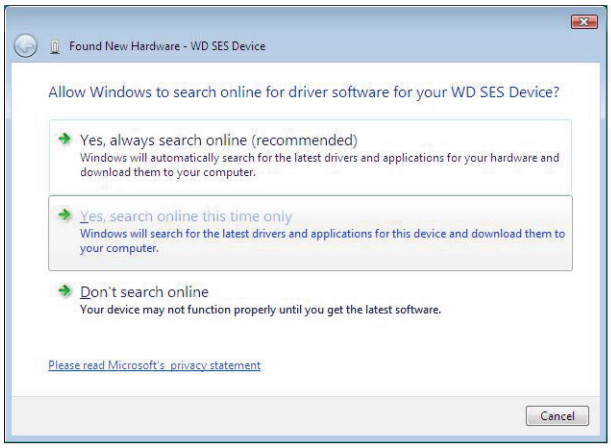
Installing the Driver Automatically

To install the SES driver automatically, your computer must be connected to the Internet:

1. Verify that your computer is connected to the Internet.
2. On the Found New Hardware wizard screen, click **Locate and install driver software**:

Found New Hardware
Windows needs to install driver software for your WD SES Device USB Device
Locate and install driver software (recommended)
Windows will guide you through the process of installing driver software for your device.
Ask me again later
Windows will ask again the next time you plug in your device or log on.
Don't show this message again for this device
Your device will not function until you install driver software.
Cancel

3. On the Found New Hardware - WD SES Device wizard screen, click **Yes, search online this time only** to allow Windows Vista to connect to Windows Update:


Found New Hardware - WD SES Device
Allow Windows to search online for driver software for your WD SES Device?
Yes, always search online (recommended)
Windows will automatically search for the latest drivers and applications for your hardware and download them to your computer.
Yes, search online this time only
Windows will search for the latest drivers and applications for this device and download them to your computer.
Don't search online
Your device may not function properly until you get the latest software.
Please read Microsoft's privacy statement
Cancel

Windows Vista automatically:

- Connects to Windows Update
- Finds, downloads, and installs the SES driver

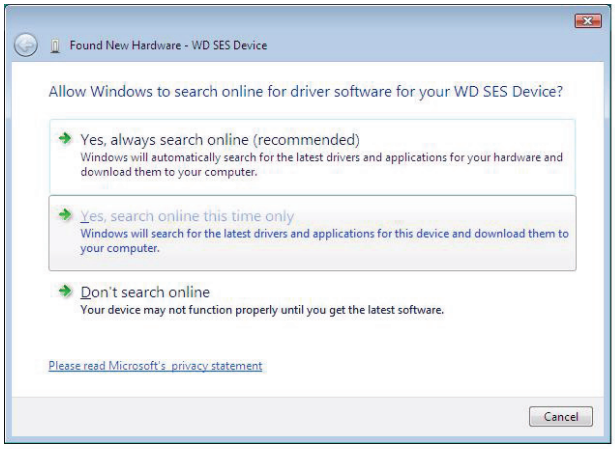
Installing the Driver Manually

If your computer is not connected to the Internet, install the driver manually:

1. On the Found New Hardware wizard screen, click **Locate and install driver software**:

Found New Hardware
Windows needs to install driver software for your WD SES Device USB Device
Locate and install driver software (recommended)
Windows will guide you through the process of installing driver software for your device.
Ask me again later
Windows will ask again the next time you plug in your device or log on.
Don't show this message again for this device
Your device will not function until you install driver software.
Cancel

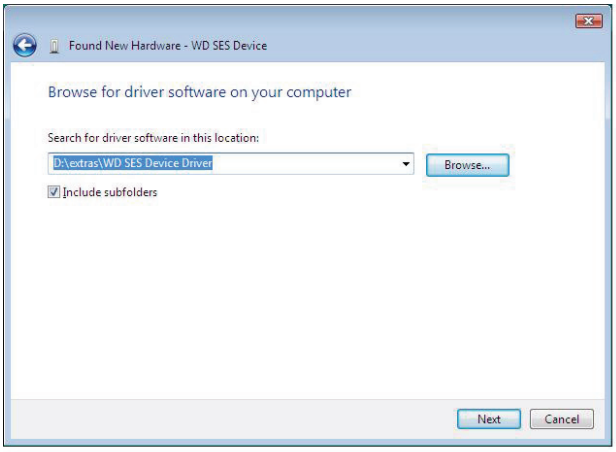
2. On the Found New Hardware - WD SES Device wizard screen, click **Don't search online**:


Found New Hardware - WD SES Device
Allow Windows to search online for driver software for your WD SES Device?
Yes, always search online (recommended)
Windows will automatically search for the latest drivers and applications for your hardware and download them to your computer.
Yes, search online this time only
Windows will search for the latest drivers and applications for this device and download them to your computer.
Don't search online
Your device may not function properly until you get the latest software.
Please read Microsoft's privacy statement
Cancel

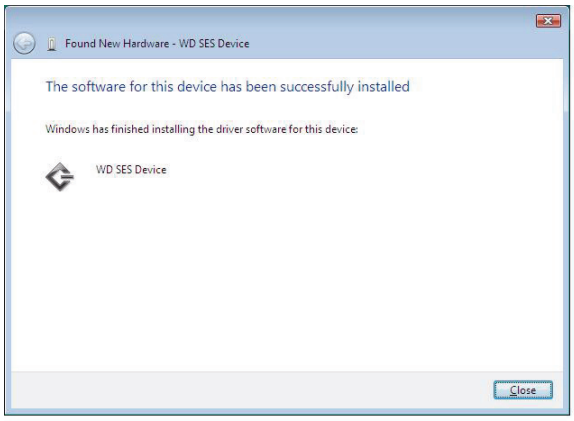
3. At the **Install the disc that came with your WD SES Device** prompt, click **I don't have the disc. Show me other options**:

Found New Hardware - WD SES Device
Insert the disc that came with your WD SES Device
If you have the disc that came with your device, insert it now. Windows will automatically search the disc for driver software.
I don't have the disc. Show me other options.
Next
Cancel

4. Browse to **Computer** and:
   a. Double-click the My Book drive.
   b. Double-click the Extras folder.
   c. Select **WD SES Device Driver**.
   d. Click **Next**:



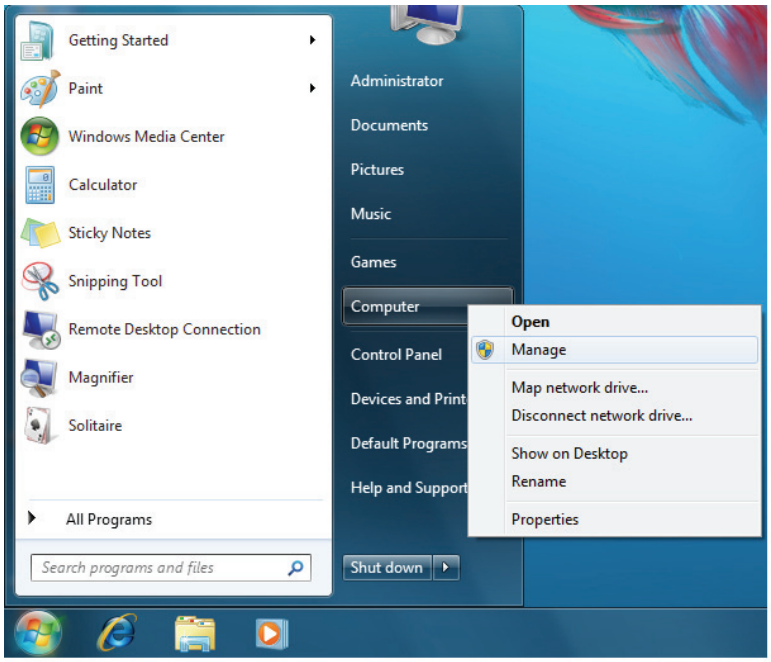
5. When the installation completes, click **Close**:


Found New Hardware - WD SES Device
The software for this device has been successfully installed
Windows has finished installing the driver software for this device:
WD SES Device
Close

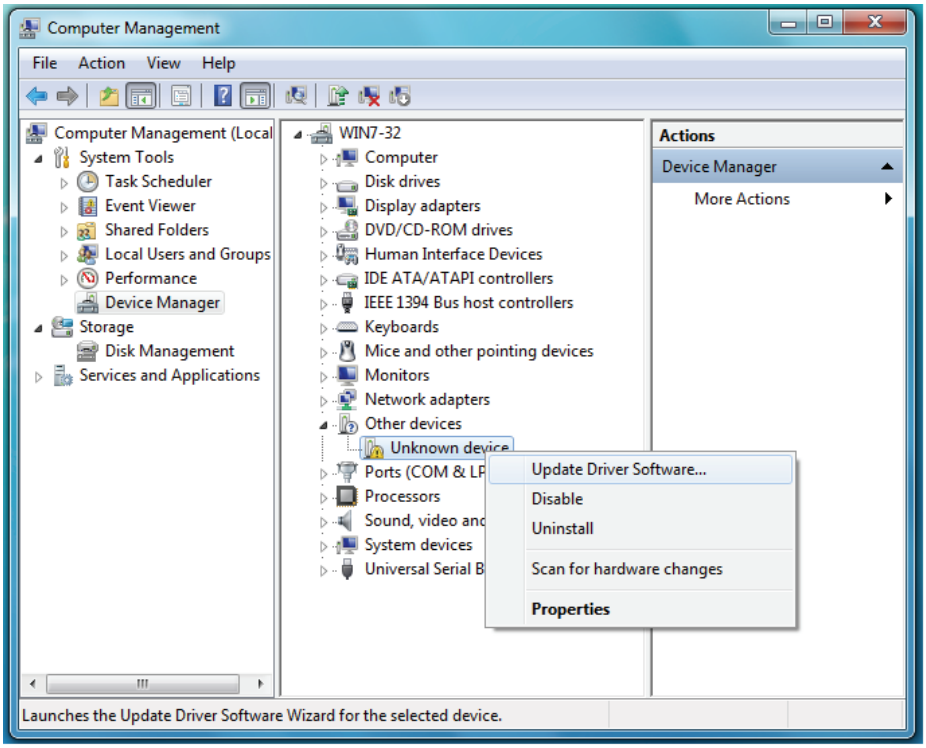
Installing on Windows 7 Computers

After you physically connect the drive as shown in Figure 3 on page 5 or Figure 4 on page 6, use the Windows 7 Computer Management utility to install the SES driver:

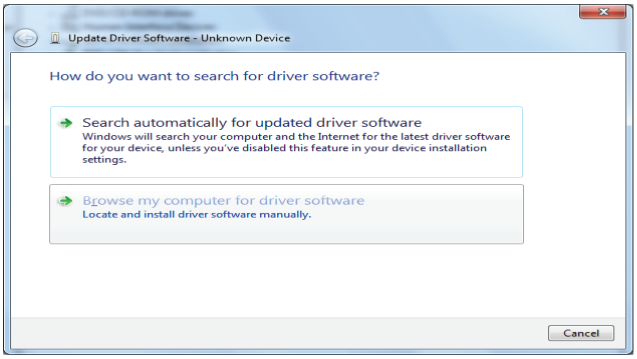
1. Open **All Programs** and click **Computer** > **Manage**:



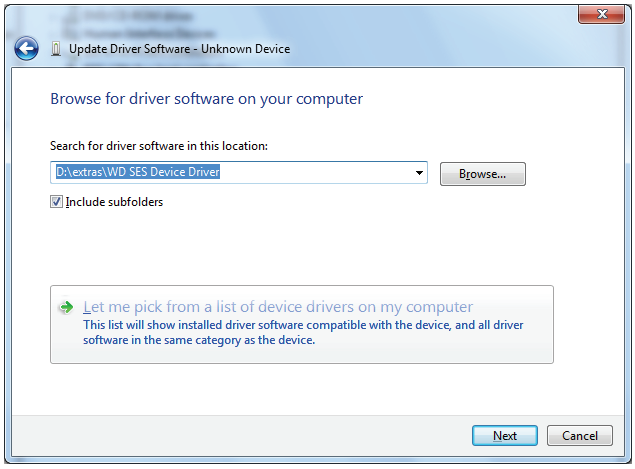
2. Under **Computer Management (Local)**, click **Device Manager** > **Unknown Device** and right-click **Update driver software**:



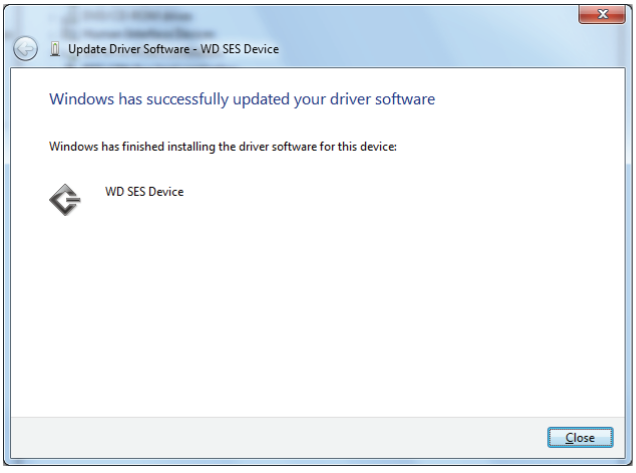
3. Click **Browse my computer for driver software**.


Update Driver Software - Unknown Device
How do you want to search for driver software?
Search automatically for updated driver software
Windows will search your computer and the Internet for the latest driver software for your device, unless you've disabled this feature in your device installation settings.
Browse my computer for driver software
Locate and install driver software manually.
Cancel

4. Browse to **Computer,** double-click the My Book drive, double-click the Extras folder, and select **WD SES Device Driver**:


Update Driver Software - Unknown Device
Browse for driver software on your computer
Search for driver software in this location:
D:\extras\WD SES Device Driver
Browse...
Include subfolders
Let me pick from a list of device drivers on my computer
This list will show installed driver software compatible with the device, and all driver software in the same category as the device.
Next
Cancel

5. Click **Next**.
6. When the installation completes, click **Close**:


Update Driver Software - WD SES Device
Windows has successfully updated your driver software
Windows has finished installing the driver software for this device:
WD SES Device
Close

B

Compliance and Warranty Information

This appendix includes the following topics:

Regulatory Compliance
Environmental Compliance (China)
Warranty Information

Regulatory Compliance

FCC Class B Information

This device has been tested and found to comply with the limits of a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This unit generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio or television reception. However, there is no guarantee that interference will not occur in a particular installation. Any changes or modifications not expressly approved by WD could void the user's authority to operate this equipment.

ICES/NMB-003 Compliance

Cet appareil de la classe B est conforme à la norme NMB-003 du Canada.

This device complies with Canadian ICES-003 Class B.

Safety Compliance

Approved for US and Canada. CAN/CSA-C22.2 No. 60950-1, UL 60950-1: Safety of Information Technology Equipment.

Approuvé pour les Etats-Unis et le Canada. CAN/CSA-C22.2 No. 60950-1 : Sûreté d'équipement de technologie de l'information.

This product is intended to be supplied by a listed limited power source, double insulated, or direct plug-in power unit marked “Class 2.”

CE Compliance For Europe

Marking by the CE symbol indicates compliance of this system to the applicable Council Directives of the European Union, including the EMC Directive (2004/108/EC) and the Low Voltage Directive (2006/95/EC). A “Declaration of Conformity” in accordance with the applicable directives has been made and is on file at Western Digital Europe.

GS Mark (Germany only)

Machine noise - regulation 3. GPSGV: Unless declared otherwise, the highest level of sound pressure from this product is 70db(A) or less, per EN ISO 7779. Maschinenlärminformations-Verordnung 3. GPSGV: Der höchste Schalldruckpegel beträgt 70 db(A) oder weniger gemäß EN ISO 7779, falls nicht anders gekennzeichnet oder spezifiziert.

KCC Notice (Republic of Korea only)

기종별§	사용자 안내문§
B급 기기¶ (가정용 정보통신기기)§	이 기기는 가정용으로 전자파적합충족을 한 기기로서 주거지역에서는 물론 모든 지역에서 사용할 수 있습니다.§

Class B Device 1 Please note that this device has been approved for non-business purposes and may be used in any environment, including residential areas.

Environmental Compliance (China)

部件名称	有毒有害物质和元素					
	铅 (Pb)	镉 (Cd)	汞 (Hg)	六价铬 (Cr^{6+})	多溴联苯 (PBB)	多溴二苯醚 (PBDE)
包装页	O	O	O	O	O	O
包装外壳	O	O	O	O	O	O
光导管	O	O	O	O	O	O
电源按钮	O	O	O	O	O	O
HDD 托架	O	O	O	O	O	O
EMI 外壳	O	O	O	O	O	O
个性化板材	O	O	O	O	O	O
Kensington 锁按键	O	O	O	O	O	O
螺丝 6-32x6.35mm	O	O	O	O	O	O
螺丝 M3x5mm+5W	O	O	O	O	O	O
垂直支脚	O	O	O	O	O	O
减震架	O	O	O	O	O	O
印制板装配 (PCA)*	O	O	O	O	O	O
硬盘	X	O	O	O	O	O
电缆组件	O	O	O	O	O	O
电源适配器	O	O	O	O	O	O
电源线	O	O	O	O	O	O

* 印制板装配包括所有印刷电路板 (PCB) 及其相应的各个组件、IC 及连接器。

O：表示此部件所用的所有均质材料中包含的此有毒或有害物低于 MCV 标准中的限制要求。

X：表示此部件所用的均质材料中至少有一种材料包含的此有毒或有害物高于 MCV 标准中的限制要求。

在出现一个 “X” 的所有情况下，WD 采用容许的排除。

Warranty Information

Obtaining Service

WD values your business and always attempts to provide you the very best of service. If this Product requires maintenance, either contact the dealer from whom you originally purchased the Product or visit our product support website at *support.wdc.com* for information on how to obtain service or a Return Material Authorization (RMA). If it is determined that the Product may be defective, you will be given an RMA number and instructions for Product return. An unauthorized return (i.e., one for which an RMA number has not been issued) will be returned to you at your expense. Authorized returns must be shipped in an approved shipping container, prepaid and insured, to the address provided on your return paperwork. Your original box and packaging materials should be kept for storing or shipping your WD product. To conclusively establish the period of warranty, check the warranty expiration (serial number required) via *support.wdc.com*. WD shall have no liability for lost data regardless of the cause, recovery of lost data, or data contained in any Product placed in its possession.

Limited Warranty

WD warrants that the Product, in the course of its normal use, will for the term defined below, be free from defects in material and workmanship and will conform to WD's specification therefor. The term of your limited warranty depends on the country in which your Product was purchased. The term of your limited warranty is for 2 years in the North, South and Central America region, 2 years in the Europe, the Middle East and Africa region, and 3 years in the Asia Pacific region, unless otherwise required by law. The term of your limited warranty period shall commence on the purchase date appearing on your purchase receipt. WD shall have no liability for any Product returned if WD determines that the Product was stolen from WD or that the asserted defect a) is not present, b) cannot reasonably be rectified because of damage occurring before WD receives the Product, or c) is attributable to misuse, improper installation, alteration (including removing or obliterating labels and opening or removing external enclosures, unless the product is on the list of limited user-serviceable products and the specific alteration is within the scope of the applicable instructions, as found at *support.wdc.com*), accident or mishandling while in the possession of someone other than WD. Subject to the limitations specified above, your sole and exclusive warranty shall be, during the period of warranty specified above and at WD's option, the repair or replacement of the Product.

The foregoing limited warranty is WD's sole warranty and is applicable only to products sold as new. The remedies provided herein are in lieu of a) any and all other remedies and warranties, whether expressed, implied or statutory, including but not limited to, any implied warranty of merchantability or fitness for a particular purpose, and b) any and all obligations and liabilities of WD for damages including, but not limited to accidental, consequential, or special damages, or any financial loss, lost profits or expenses, or lost data arising out of or in connection with the purchase, use, or performance of the Product, even if WD has been advised of the possibility of such damages. In the United States, some states do not allow exclusion or limitations of incidental or consequential damages, so the limitations above may not apply to you. This warranty gives you specific legal rights, and you may also have other rights which vary from state to state.

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